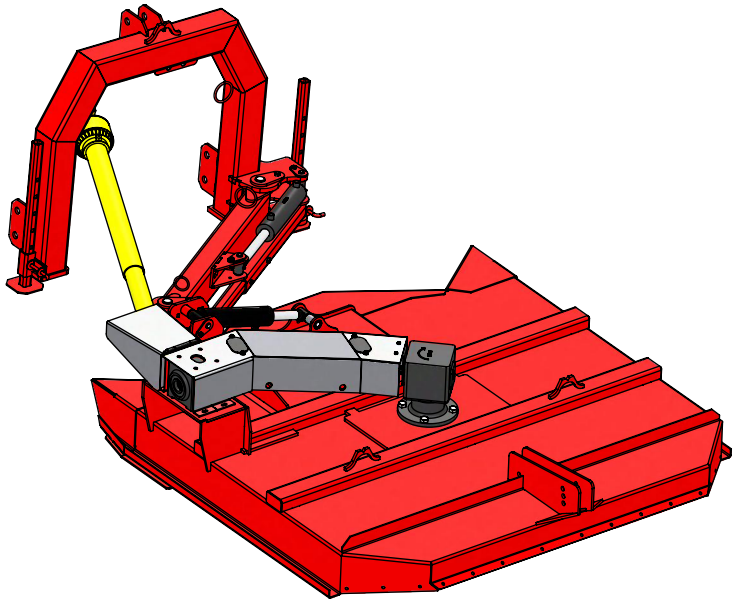
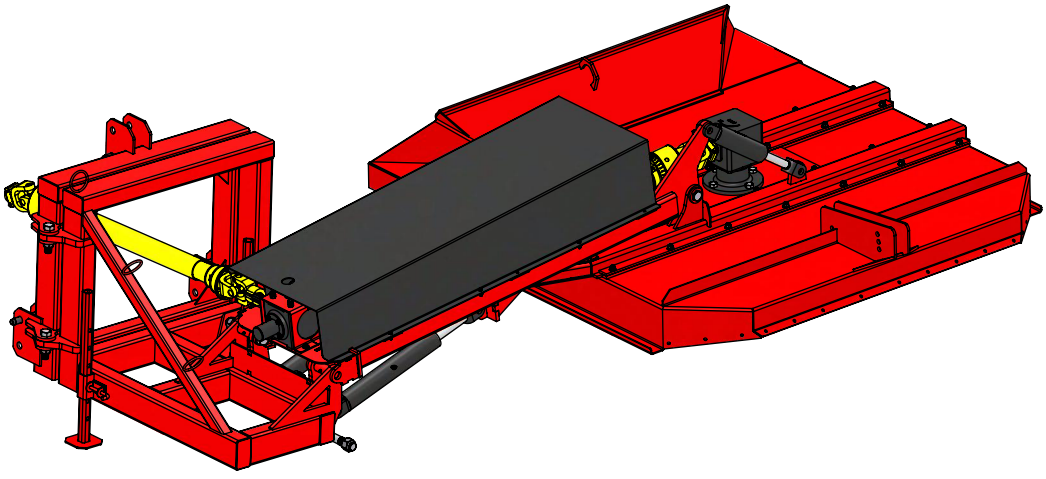
Service parts & Maintenance guide Brushcutter Standard, Telescopic, Flex and Rear series.





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Révision: 2025-05-22

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Introduction

Thanks you!

We congratulate you on acquiring a Woody BrushCutter. Woody Equipment designs and manufactures equipment according to very rigorous criteria. These equipment are intended for professional use in the agricultural and forestry sectors.

Woody Equipment reserves the right to modify and/or improve equipment and maintenance instructions, as well as revise data without prior notice.

Please take note of the serial number, model, delivery date, distributor, and the seller's name. Keep this information available for ordering parts, as well as for any technical assistance or warranty inquiries.

Numéros de série _____

Modèle _____

Date de livraison _____

Le distributeur _____

Nom du vendeur _____

Limited One-Year Warranty

General Warranty

Woody Equipment Inc. (hereinafter referred to as "Woody") warrants that its products are free from defects, subject to the conditions outlined below.

All products manufactured by Woody (excluding commercial or industrial use and abuse) are covered by a one (1) year warranty applicable from the date of purchase, unless otherwise specified on the sales contract for any specific adjustments to the warranty.

The warranty is offered solely to the original purchaser of the Product and cannot be transferred to subsequent purchasers and/or retailers of the buyer unless explicitly authorized by Woody in writing. Woody warrants that mechanical, hydraulic, and electrical components will be free from defects in material and workmanship for the warranty period. The warranty covers all parts of the new product, except hydraulic hoses, hydraulic fittings, and electrical wires, and includes labor performed by Woody or an authorized Woody retailer.

Repair and Replacement Service

All repairs must be carried out by Woody or an authorized retailer with written consent from Woody, otherwise the warranty will be voided. Woody reserves the right to repair or replace, at no cost to the buyer, any parts deemed defective due to material or manufacturing defects. Woody also reserves the right to determine if improper use, lack of maintenance, or abusive use by the buyer was the cause of the defect.

In the event of a failure caused by a part covered by this warranty or by the factory assembly, the buyer must: (1) immediately notify Woody of the nature of the defect; and immediately cease the use or operation of the product, except with the written consent of Woody.

Warranty service must be performed at the point of purchase of the product, either by Woody or by a retailer using parts provided by Woody.

If the product was purchased directly from Woody, the buyer must return the product or defective parts at their own expense and without delay. If Woody determines that the parts are defective, they will repair or replace them, and if the product has been returned to Woody, they will install the parts at no cost to the buyer.

If the product was purchased from a retailer, Woody will provide replacement parts to the buyer through the retailer. The retailer will install the replacement parts and return the replaced parts to Woody at the buyer's expense within thirty (30) days of the repairs. Parts and labor will be provided at no cost to the buyer on the condition that it is proven to Woody's satisfaction that the replaced parts were defective.

In all cases, the buyer is responsible for transportation costs of parts or the product, any additional time incurred at the buyer's request, and any service and/or maintenance expenses.

All parts replaced under this warranty remain the property of Woody.

If the buyer fails to comply with the procedure described above, or if it is not proven to Woody's satisfaction that the parts are defective, the buyer will not be entitled to the warranty.

Limited One-Year Warranty

Warranty Exclusions

The retailer is not authorized to make any representations or promises on behalf of Woody, nor modify the terms and limitations of this warranty in any way.

Warranty Exclusions

This warranty does not cover the following items:

This product requires periodic parts and maintenance to function properly. This warranty does not cover repairs when normal wear has exhausted the useful life of the equipment or due to neglect in product maintenance, neglect in product storage, or failure to adhere to the usage standards prescribed by Woody.

This warranty does not cover damage to the product or machinery during installation caused by the buyer or the retailer during product installation or due to improper product installation.

This warranty does not cover parts or labor if the product is deemed to have been misused, neglected, involved in an accident, abused, modified, or any defects that may arise as a result of product modification not approved in writing by Woody.

This warranty does not cover travel time and does not cover any other transportation expenses for warranty repairs or for any expertise.

Other Exclusions

This warranty excludes:

- Visible defects including paint and decals, etc.
- Breakage resulting from machine overturn or any accidents.
- Defects due to natural disasters and other major events beyond Woody's control.
- Problems caused by parts other than those from Woody.
- Certain items are subject to warranty by their respective manufacturer.

Limitations of Implied Warranty and Indirect Damages

Woody is not responsible for any damages, including bodily injury, loss of products, rental of replacement equipment, transportation, or any other secondary or indirect claims arising from the use of this product by anyone that may occur due to a malfunction of this product.

Safety and Maintenance Guidelines

Warning. **This section provides guidelines to help ensure the safety of individuals working with and around the brush cutter and outlines important safety instructions. The operator of the brush cutter and the carrier must have a good understanding of these carrier safety guidelines before using this equipment. Woody Equipment assumes no liability for any injuries or damages that may occur if these guidelines are not followed.**

General Guidelines

Observe all federal safety regulations and/or other regulations applicable to hydraulic mechanisms, lifting devices, spillage, and disposal of hydraulic oil.

Service and Maintenance Guidelines

The installation and removal of the brush cutter, as well as all maintenance and repairs, should be carried out by qualified mechanics experienced in hydraulic and/or an authorized repair workshop.

Welding on the brush cutter can cause structural damage. Before welding on the brush cutter, please contact Woody Equipment or your representative for authorization. Disconnect the power cord, both battery cables, the radio, and any electrical accelerator and alternator connections. Ensure that the grounding wire does not make contact with any moving parts of the brush cutter or the carrier (gearbox, bearings, cylinder, etc.). Position the grounding wire so that the welding current does not pass through the bearings. Place the grounding wire as close as possible to the welding area.

Excessively tight or loose bolts may cause parts to detach, resulting in damage, serious injuries, or death. Properly maintain bolts and nuts by regularly inspecting and tightening them.

Electrical Guidelines

To prevent the brush cutter or the carrier from coming into contact with an electrical line, follow these guidelines:

- Before starting work with the brush cutter, inspect the work area for any electrical lines that you may need to work under or near.
- Prior to commencing work, contact the electric company responsible for the electricity in the area where you will be working and request that the power in that area be disconnected.
- Treat all electrical lines as energized and dangerous. It may not be possible to de-energize the power in the work area.
- Maintain a distance between electrical lines and all parts of the brush cutter and the carrier according to the following formula: two times the length of the insulating line plus 10 feet.

For example: if the insulating line is 6 inches long, the distance to stay away from is 2 x 6 inches = 12 inches (1 foot), plus 10 feet, which equals 11 feet. You should stay at least 11 feet away from the electrical line.

- If the brush cutter or the carrier comes into contact with an electrical line, follow these steps:
  - Stay inside the carrier.
  - Do not allow anyone to touch the brush cutter or the carrier.
  - If you believe you can move the brush cutter or the carrier away from the line without pulling the line down, slowly and smoothly move away.
  - If you think you will pull the line down as you move away, contact the electric company to have the power to the line cut off.

Safety and Maintenance Guidelines

- If it is not possible to cut off the power or if the brush cutter or the carrier begins to burn, jump away from the carrier in the following manner:
  1. All parts of your body should leave the carrier at the same time. If one part of your body touches the ground while another part is still in contact with any part of the carrier or the brush cutter, the electricity in the line will pass through your body.
  2. Keep both arms forward and close to your body, and both legs and feet together.
  3. Jump with your body forward so that you will not fall backward or toward the carrier when you land.
  4. Once you have landed, quickly move away from the carrier at least the same distance as determined by the formula provided earlier in this document.
- Immediately notify the electric company of the situation.

Safety Instructions

Following the brush cutter's specifications, the RPM (revolutions per minute) must be respected. Working above this recommendation can cause mechanical damage to the brush cutter, personal injury, and also void the equipment warranty.

When working on the brush cutter, it is always recommended to wear protective gloves and safety glasses, especially when working with the blades and lubricants.

! If you have a cracked or broken blade, the blade must be replaced to prevent mechanical damage or personal injury. Ensure that all bolts are tightened properly.

Operation

All operators and maintenance personnel must read and understand this manual and all safety information before using this equipment.

The safety of all personnel within the work area depends on the proper operation and maintenance of the brush cutter. This section explains how to properly operate the brush cutter. The following procedures are covered:

- Pre-start preparation of the brush cutter.
- Starting the brush cutter.

Refer to provincial or state regulations for minimum age, training, and qualifications required to operate a brush cutter.

! Only use the brush cutter for the operations for which the product has been designed and use it according to the instructions provided in this manual. Woody assumes no liability for property damage, injuries, or death that may occur as a result of not following the instructions in this manual or for any operation that does not comply with provincial or state regulations for brush cutters.

Pre-Start Preparation of the Brushcutter

To ensure the safety of all personnel in the work area and to avoid damaging the carrier or the brush cutter, follow these steps before using the brush cutter.

1. Regularly inspect the brush cutter according to the Maintenance Schedule in this manual.

! Before cleaning, inspecting, or lubricating the brush cutter, stop the carrier engine and remove the key to prevent anyone from starting the engine. Allowing the carrier engine to run during these procedures can result in unexpected movement of the carrier or the brush cutter, potentially causing property damage, bodily injury, or death.

2. Repair any damage found during the pre-use inspection before operating the brush cutter.
- If the brush cutter has a hydraulic oil leak, stop the carrier. High-pressure hydraulic oil can penetrate the skin and cause severe injuries, gangrene, or death.

3. Keep the brush cutter close and at a horizontal level with the ground during operation.

4. To prevent slipping when climbing on or descending from the carrier, remove oil, grease, mud, snow, and other debris from the ladder or carrier floor.

5. All personnel in the area where the brush cutter is in operation must be at least 50 meters/165 feet away from the carrier and the brush cutter.

6. Only the operator should be in the carrier once the brush cutter is started. Operating the carrier or the brush cutter with people on board can result in serious injury or death.

Starting the Brush Cutter

Once the above steps, Pre-start Preparation of the Brush Cutter, have been completed, you can start the brush cutter.

Maintenance schedule

Maintenance directive

This section explains how to extend the life of your Woody brush cutter through regular maintenance. Maintenance involves regularly performing the tasks listed in the Maintenance Schedule in this manual.

! If you hear any unusual noise, immediately stop the carrier engine and check the gearboxes, shafts, blades, and structure for potential damage.

! Always stop the carrier engine when you want to clean, inspect, or work on the brush cutter. Do not install a damaged component on the brush cutter, as it can result in property damage, injuries, or death.

! Before cleaning, inspecting, or lubricating the brush cutter, stop the carrier engine and remove the key to prevent anyone from starting the engine. Allowing the carrier engine to run during these procedures can result in unexpected movement of the carrier or the brush cutter, potentially causing property damage, injuries, or death.

! Making unauthorized modifications to the brush cutter will void the warranty. Modifications can compromise the safety and operation of the brush cutter.

Preparation for Maintenance

To keep your brush cutter in optimal working condition and help ensure the safety of personnel, follow the Maintenance Schedule provided in this section.

If your brush cutter is used in extreme temperatures (below 0°F/-20°C or above 100°F/40°C), in harsh conditions, or operates for more than 50 hours per week, inspect and lubricate the brush cutter at shorter intervals than those specified in the Maintenance Schedule.

The hydraulic schematic identifies the check valve on the pressure line. Always close the valve before each inspection.

Thoroughly clean the brush cutter before each inspection using the following methods:

- Pressure washing.
- Remove any remaining dirt, ice, snow, excess oil, and grease that may conceal cracks, leaks, loose bolts, or other issues.

Maintenance schedule

The following table demonstrates the maintenance schedule that will keep your Woody brush cutter in optimal working condition and ensure personnel safety.

Item	Maintenance Schedule
Check the oil level of the gearboxes.	Weekly or 50 hours
Visually inspect the driveshafts for cracks or damage, and replace them if necessary.	Weekly or 50 hours
Visually inspect the guards to ensure they are intact, and replace them if necessary.	Weekly or 50 hours
Clean the drive couplings and lubricate them with fresh grease.	Weekly or 50 hours
Grease fittings, 10cc per fitting.	Weekly or 10 hours
Visually inspect the blades for cracks or breaks, replace if necessary, and torque the bolts to 350 lbs-ft.	Weekly or 50 hours
Check the hoses for cracks or leaks and replace them if necessary.	Weekly or 50 hours
Inspect the cylinders for cracks and repair or replace them if necessary.	Weekly or 50 hours
Check the cylinders for leaks and replace the seals if necessary.	Weekly or 50 hours
Check the hydraulic fittings for leaks, cracks, or damage, and replace them if necessary.	Weekly or 10 hours
Check the clutch adjustment and check the lining for wear. (If replacing the lining, check the outer and inner diameter of the lining before replacing it.)	Weekly or every 10 hours
Check the length of the clutch springs; they should be 31 mm. (Use a vernier caliper to measure the springs.)	To do every season

Maintenance schedule

Lubrication of the brushcutter

Lubricate the brushcutter after it has been working for several hours, as the new grease penetrates more easily when the old grease is warm. After lubrication, wipe off any excess grease from all surfaces of the brushcutter.

Material needed

- Use EP2 grease or equivalent to lubricate your brushcutter. This grease can be used in summer conditions.

- Use EP1 grease or equivalent to lubricate your brushcutter. This grease can be used in winter conditions.

- The grease should have excellent water resistance, rust protection capabilities, good adhesive properties, and mechanical stability.

- A grease gun set to dispense 2 ml/0.12 cubic inches of grease per stroke should be used. If using an automatic greaser, ensure that it is dispensing the correct amount.

! Shut off all power sources from the carrier to ensure safe working conditions.

Storage

This section explains how to store your brushcutter. Proper storage ensures the safety of personnel and extends the lifespan of the brushcutter.

Before storage

Before storing your brushcutter, do the following:

- Remove any dirt, oil, and grease residue with a cloth and cleaning solution. These debris can hide cracks, leaks, loose bolts, and other issues.

- Inspect the brushcutter for cracks, worn or missing parts, vandalism, leaks, or other damages. Follow the Daily Inspection schedule in the Maintenance Program section of this manual.

- Repair any damages found during the inspection before storing your brushcutter.

- Lubricate the brushcutter according to its next scheduled lubrication as determined in the Maintenance Program schedule (see the Maintenance Program section in this manual).

- Store the brushcutter flat on a stable surface in a dry location, avoiding storage on grass or wet surfaces.

After storage

Before using your brushcutter after storage, follow the procedures below:

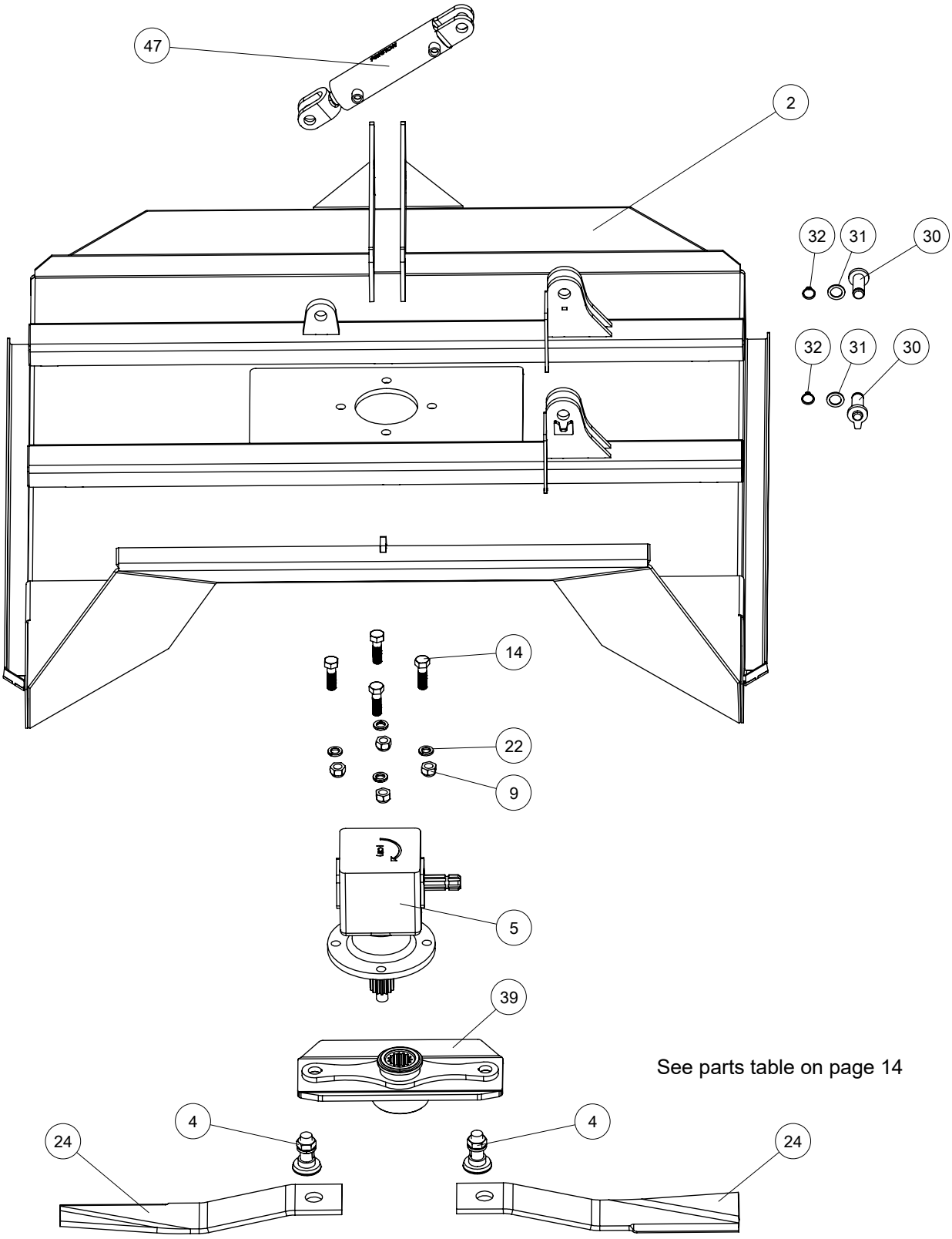
- Remove any dirt, oil, and grease residue with a cloth and cleaning solution. These debris can hide cracks, leaks, loose bolts, and other issues.

- Inspect the brushcutter for cracks, wear, loose or missing parts, vandalism, leaks, or other damages. Follow the Daily Inspection schedule in the Maintenance Program section of this manual.

- Repair any damages found during the inspection before operating your brushcutter.

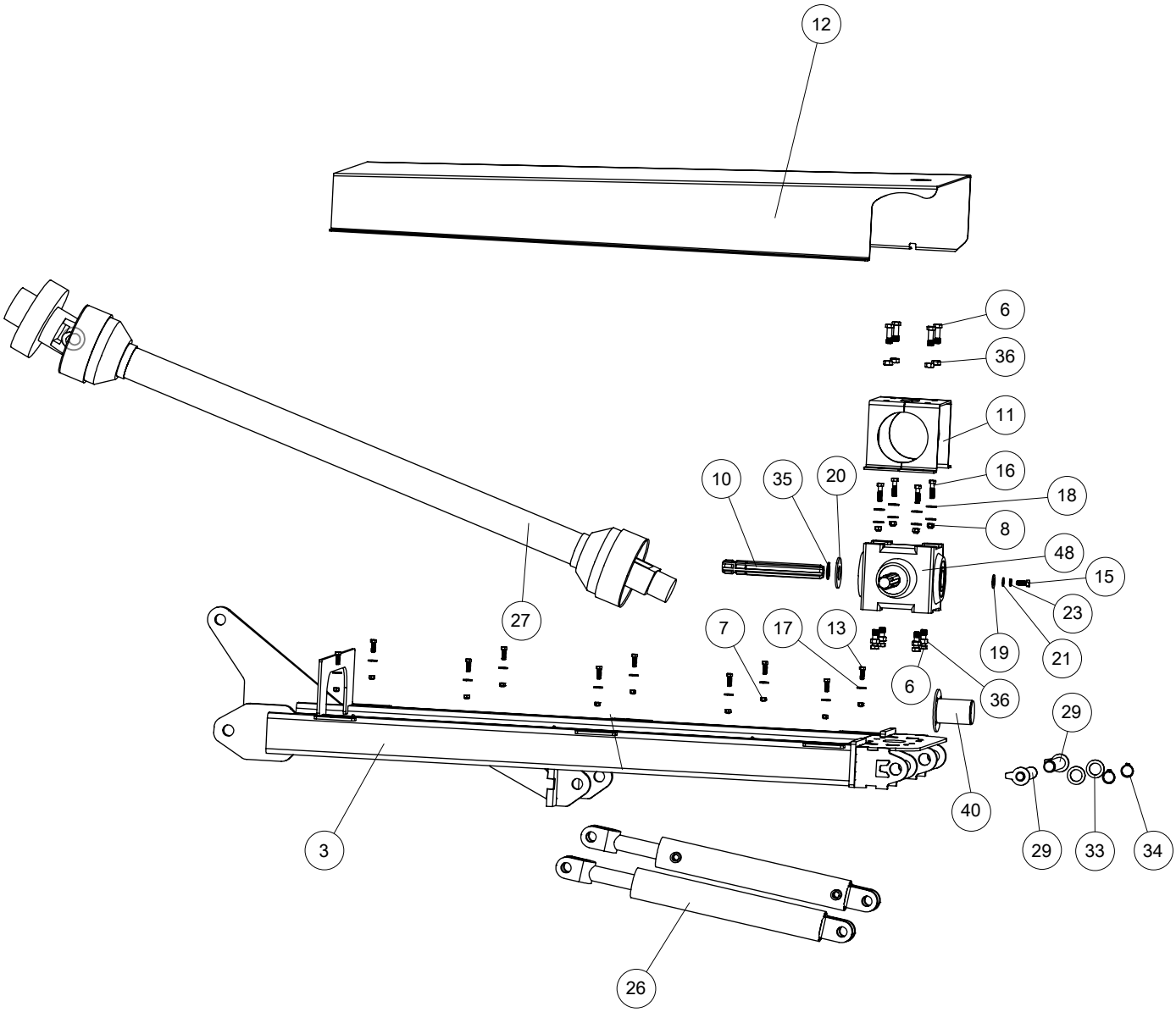
- If the brushcutter has been stored for 3 months or more, inspect the brushcutter and lubricate it according to the Daily and Weekly Lubrication schedule in the Maintenance Program (see the Maintenance Program section in this manual).

Brushcutter 5' Standard Lateral #52-007



See parts table on page 14

Brushcutter 5' Standard Lateral #52-007



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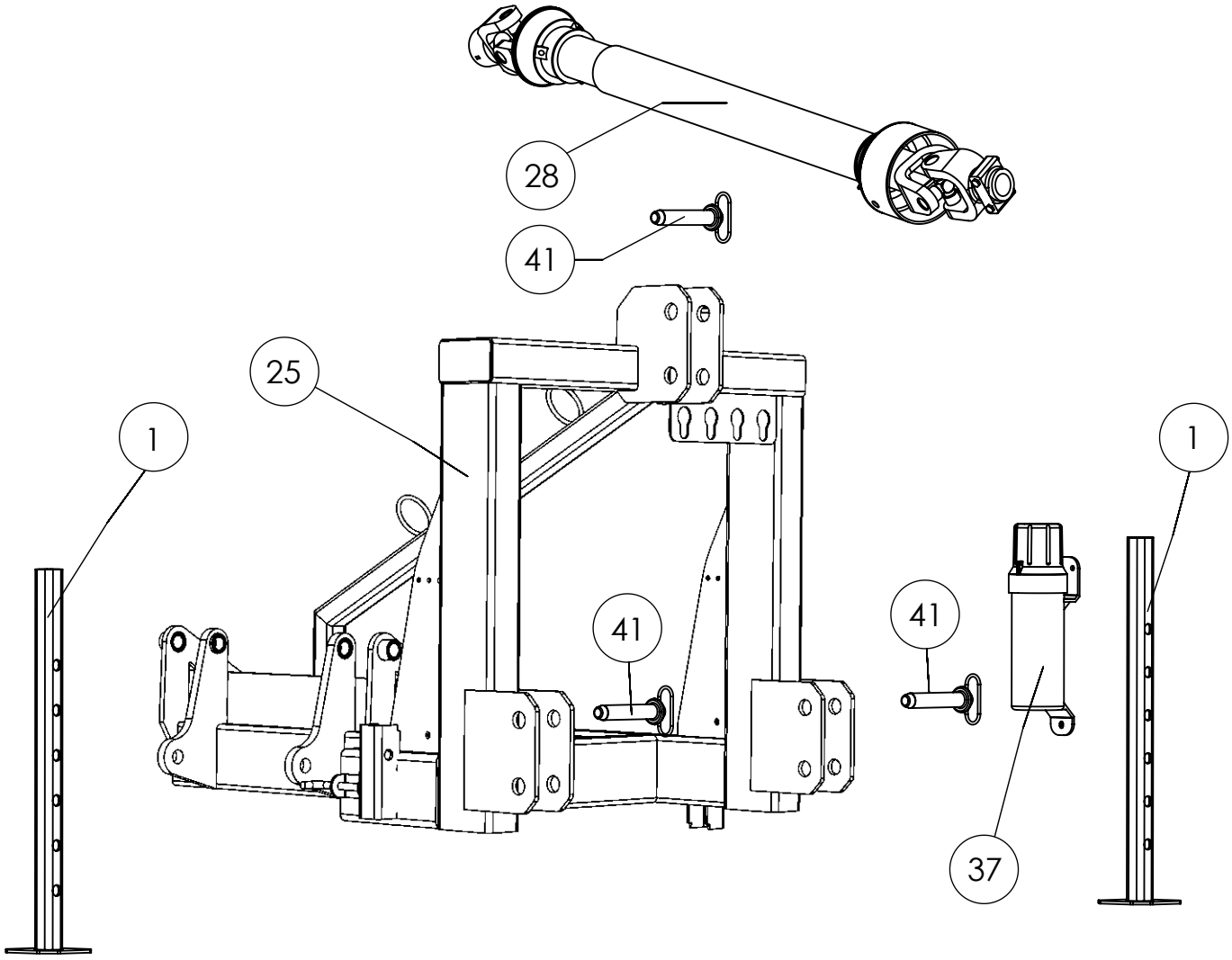
Brushcutter 5' Standard Lateral #52-007

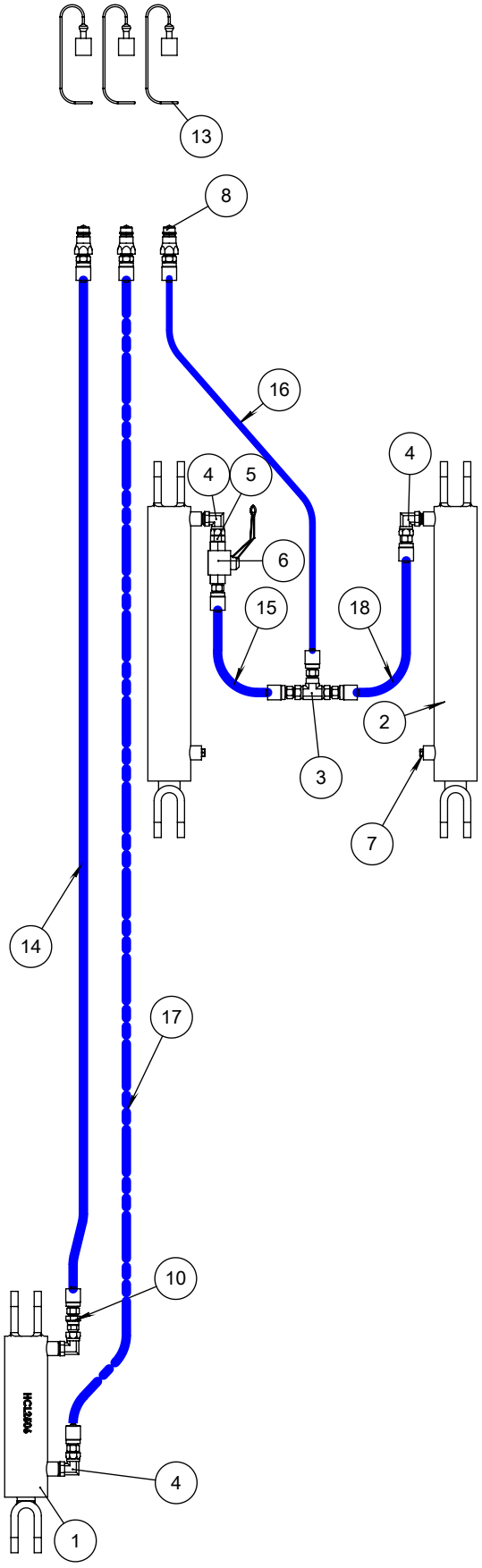


See parts table on page 14

Brushcutter 5' Standard Lateral #52-007

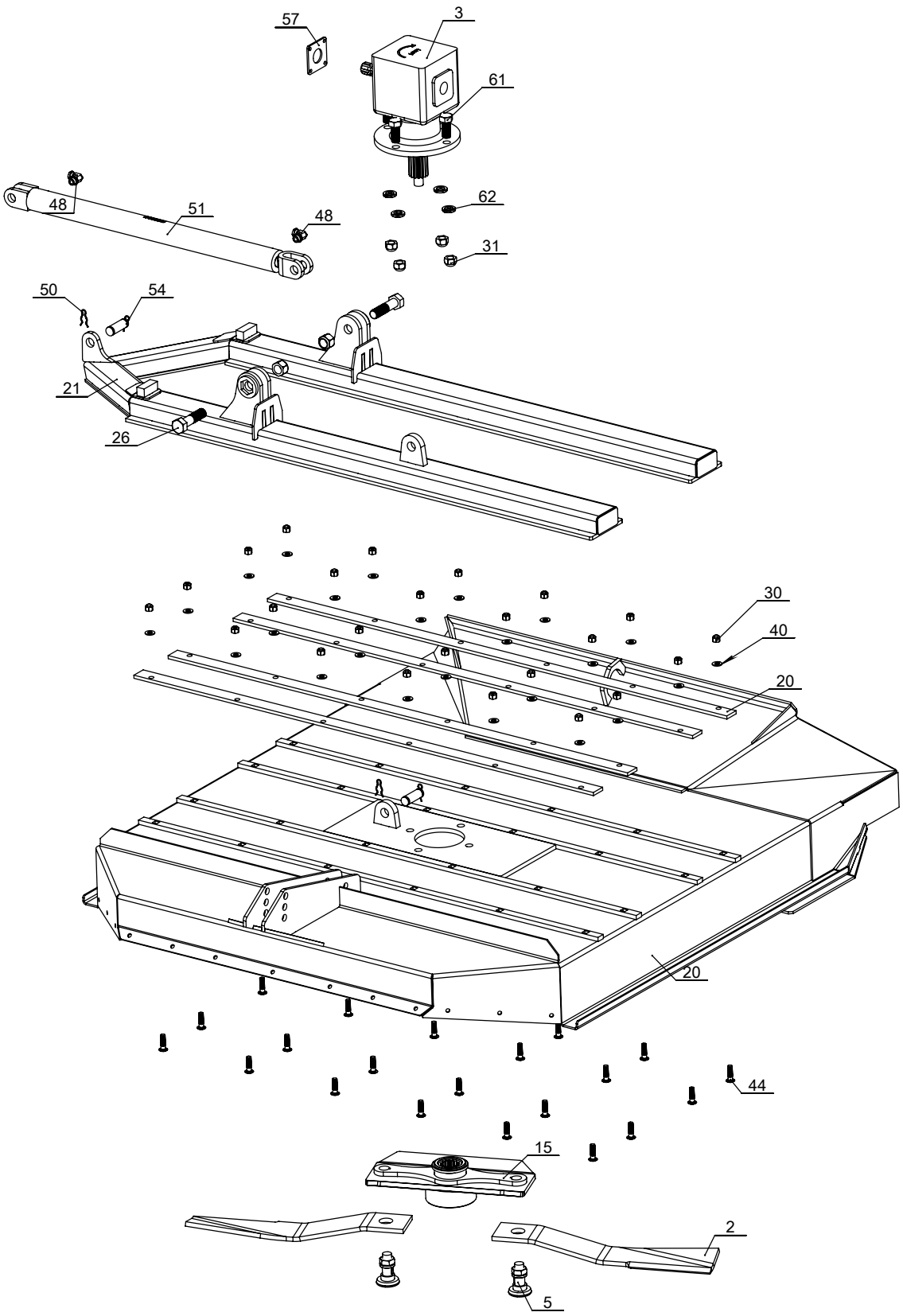
No.	# de pièce	Description_En	Qté
1	52-001-03	Foot support	2
2	52-007-12	Brushcutter head	1
3	52-007-13	Brushcutter pivot 5'	1
4	305000	Screw Kit (2x)	2
5	107010	Gearbox LF140A	1
6	301200	Bolt M12-1,75 x 40 mm Length	8
7	301560	Lock Nut 5/16"-18	10
8	301550	Lock Nut 3/8"-16	4
9	301540	Lock Nut 3/4"-10	4
10	305011	Spline shaft (gearbox)	1
11	52-008-042	PTO Cover	1
12	52-007-043	Protector	1
13	300700	Bolt 5/16"-18 x 1" Length x 1" Thread	10
14	300410	Bolt 3/4"-10 x 2 1/2" Long x 1 3/4" Thread	4
15	300500	Bolt 3/8"-16 x 1" Length x 1" Thread	1
16	300520	Bolt 3/8"-16 x 1 1/2" Length x 1" Thread	4
17	301390	Flat Washer 5/16" Broad	10
18	301350	Flat Washer 3/8" Broad	8
19	301360	Flat Washer 5/8" Narrow	1
20	301330	Flat Washer 1 1/4" Narrow	1
21	301350	Flat Washer 3/8" Narrow	1
22	301720	Flat Washer 3/4"	4
23	301730	Flat Washer 3/8"	1
24	305010	Blade 25"	2
25	52-007-14	3 Pts Assembly	1
26	120311	HCL Cylinder 2514	2
27	107050	PTO Transmission T50	1
28	107045	PTO Transmission T50	1
29	52-008-19	Pivot pin	2
30	52-008-20	Cylinder pin	2
31	60-035-022	Washer	2
32	307060	Snap-ring 1"	2
33	52-007-066	Washer	2
34	307062	Snap-ring 1 1/8"	2
35	307070	Snap-ring 1 1/8" heavy	1
36	301900	Hexagonal Nut M12	8
37	400500	Documents holder tube	1
38	102820	1/2 NPT plug	2
39	52-007-20	Blade assembly support	1
40	52-008-25	Gearbox Cap	1
41	310830	Quick attach DA5050-21	3
45	120271	HCL 2506 Cylinder	1
46	107000	T27D Gearbox	1
47	120271	Hydraulic cylinder CL 2506	1
48	107000	Gear box T27D	1

Brushcutter 5' Standard Lateral #52-007



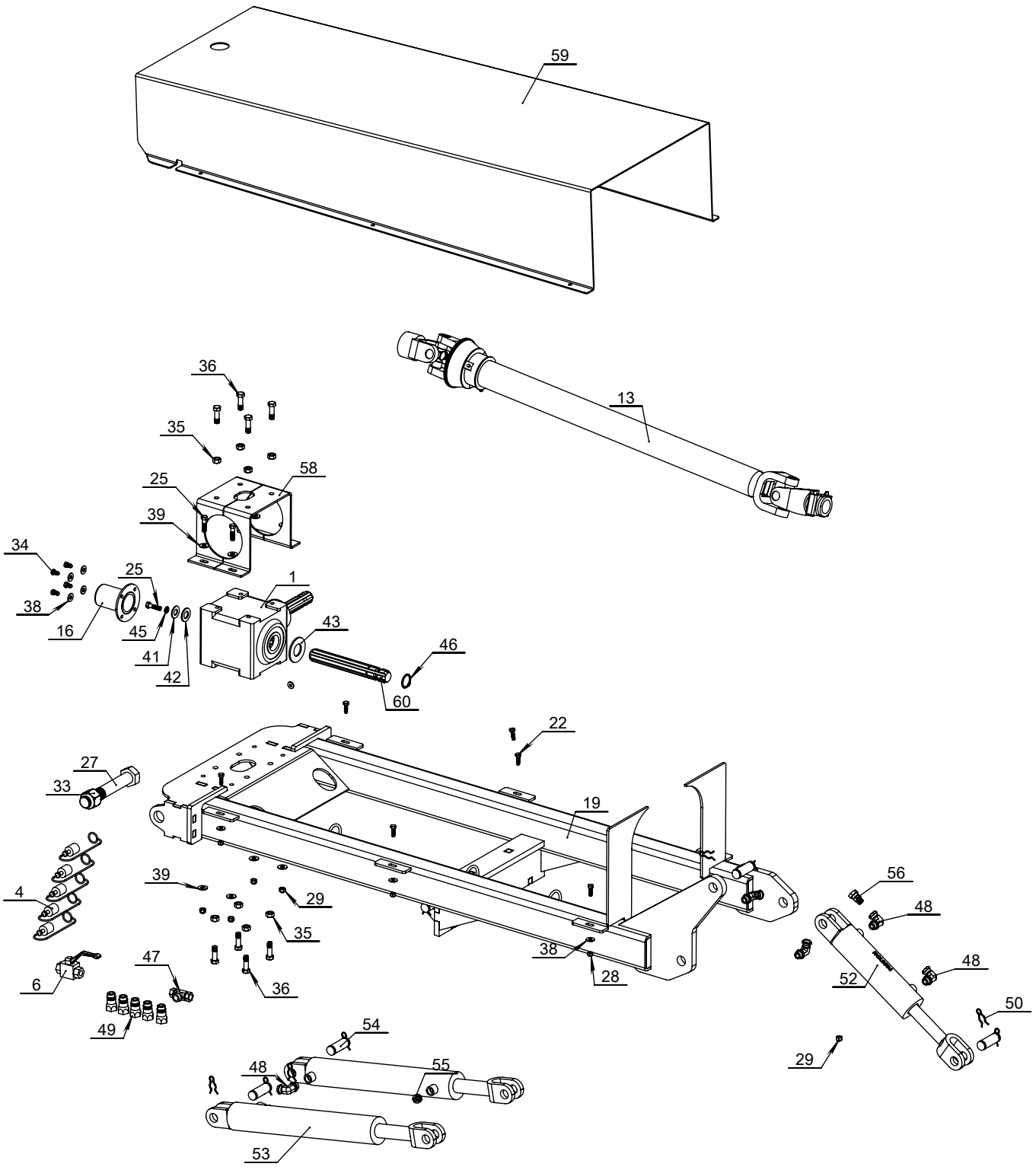
HYDRAULIC DIAGRAM			
No.	**Part #**	**Description**	**Qty**
1	120271	Hydraulic Cylinder 2 1/2 Diam. x 6" Stroke	1
2	120311	Cylinder HCL 2514	2
3	103700	T femelle npsm swivel-T femelle npsm swivel- femelle npt	1
4	101420	90° Elbow - Male ORB Adjustable 1/2" - Female NPSM Swivel 3/8"	4
5	103420	Male 3/8" - NPT x Male 3/8" - NPT	1
6	105020	Ball valve 3/8 NPT 7350 PSI	1
7	102820	Plug 1/2 NPT	2
8	109010	Quick Coupling Male x FEM 1/2"-NPT	3
10	103230	Adapter NPTFS 3/8"-NPTM 3/8" restrictor 1/16" diam.	1
13	140000	Dust caps 1/2" Red	3
14	140030-184-101750-101750	3/8 Hydraulic hose	1
15	140030-007-101750-101750	3/8 Hydraulic hose	1
16	140030-126-101750-101750	3/8 Hydraulic hose x 80"	1
17	140030-190-101750-101750	3/8 Hydraulic hose	1
18	140030-010-101750-101750	3/8 Hydraulic hose	1

Brushcutter 5' Telescopic Lateral #52-018



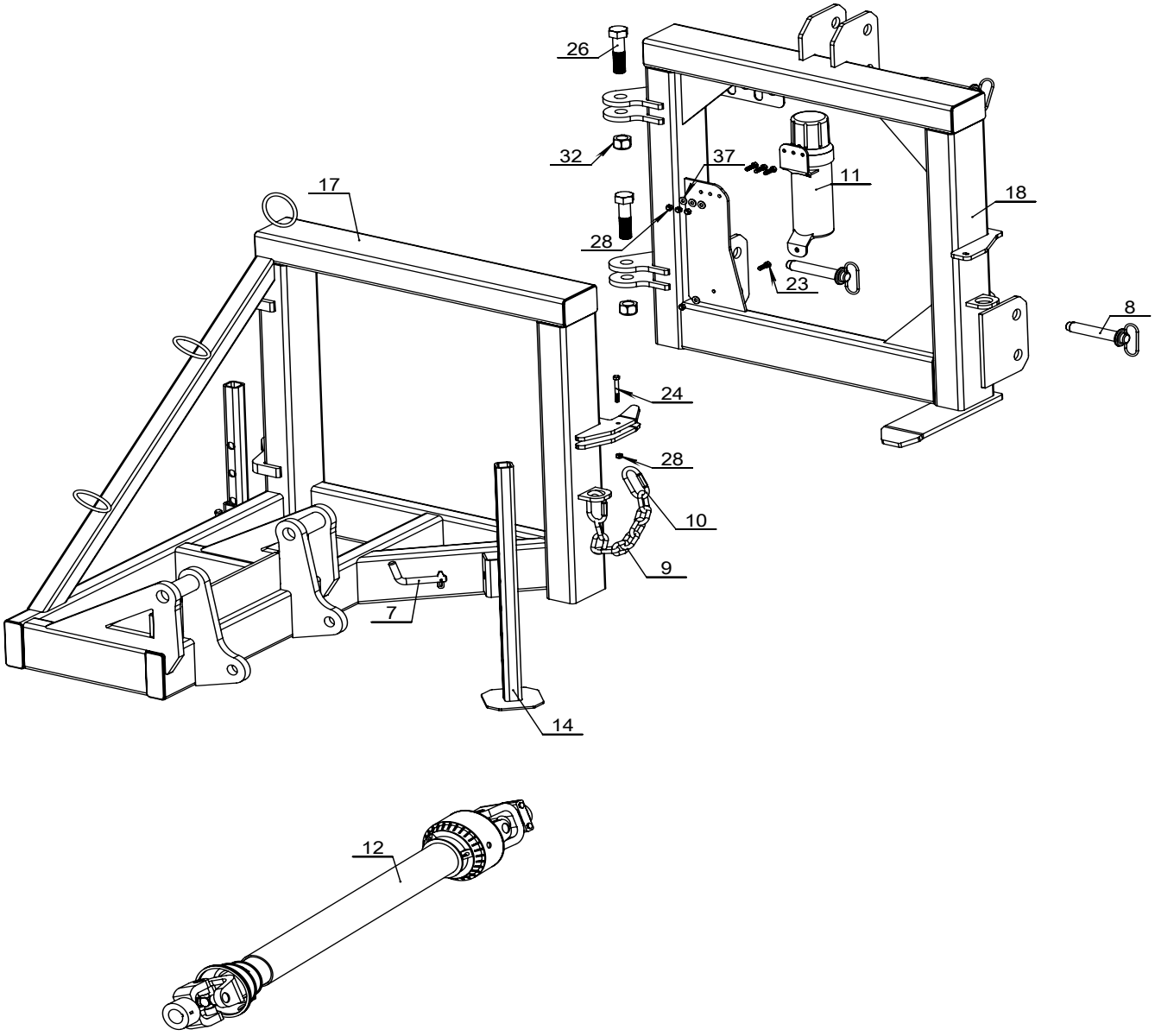
See parts table on page 19

Brushcutter 5' Telescopic Lateral #52-018



See parts table on page 19

Brushcutter 5' Telescopic Lateral #52-018

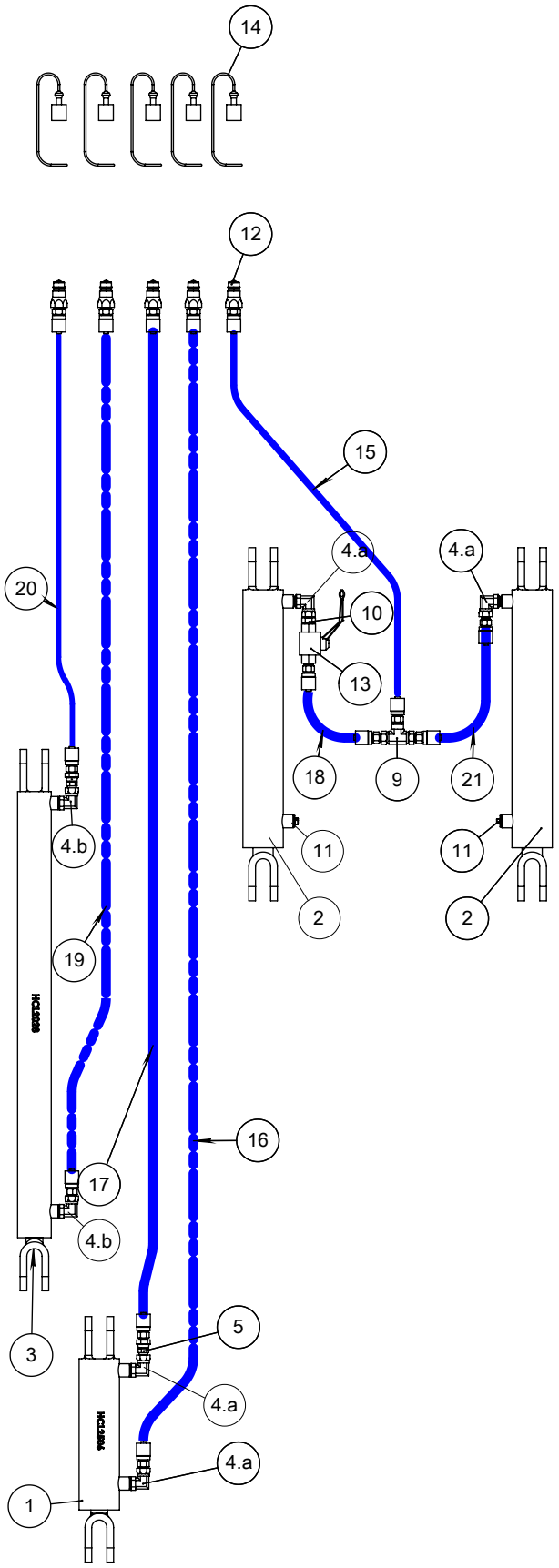


See parts table on page 19

Part list
Brushcutter 5' Telescopic Lateral #52-018

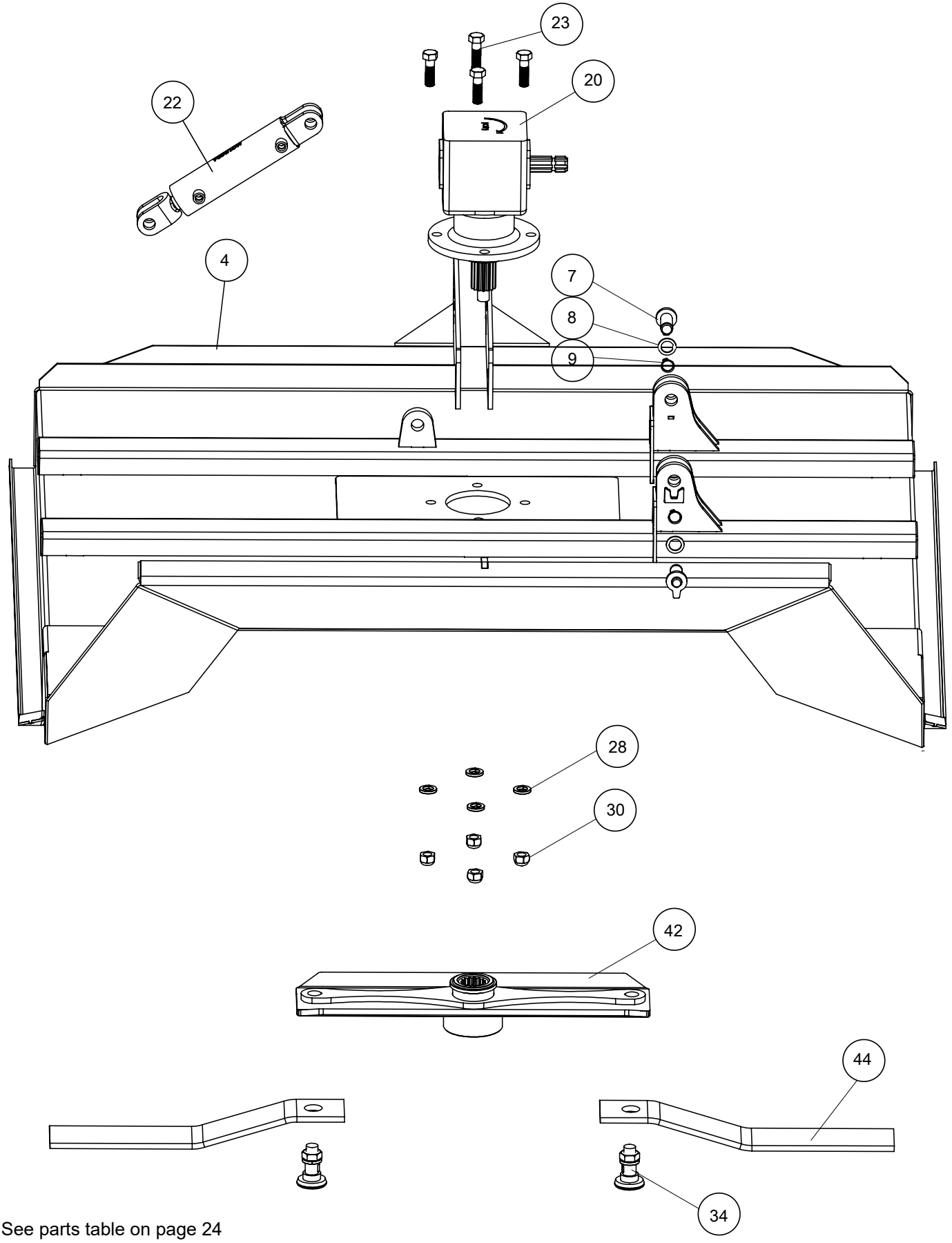
No.	Part #	Description	Qty
1	107000	Gear Box T27D	1
2	305010	25" Brushcutter Knife	2
3	107010	GearBox LF140A	1
4	140000	Dust caps 1/2" Red	5
5	305000	Screw Kit (2x)	1
6	105020	Ball valve 3/8 NPT 7350PSI	1
7	151003	Pin 5/8" x 3" zinc-plated pivot	2
8	310830	Forged Tie Pin 1" x 4 3/4" Long	3
9	310750	Chain 5/16	1
10	310730	3/8 FRM22 Quick Link for Brush Cutter	2
11	400500	Document holder	1
12	107045	T50 Cardan Transmission	1
13	107050	T50 Cardan Transmission	1
14	52-001-03	Foot structure support	2
15	52-007-20	5' knife support	1
16	52-008-25	Cap shaft with spline	1
17	52-012-03	3-point attachment structure	1
18	52-012-04	3-point hitch for 5' brush cutter	1
19	52-018-04	5' Brushcutter Pivot Boom	1
20	52-018-05	5' Brushcutter Head	1
21	52-018-06	5' brush cutter extension	1
22	300700	Bolt 5/16"-18 x 1" length	7
23	Boulon 5/16"-18 x 1 1/8" Long	Bolt 5/16"-18 x 1 1/8" length	4
24	300740	Bolt 5/16"-18 x 2 1/2" length	1
25	300520	Bolt 3/8"-16 x 1 1/2" length	5
26	300300	Bolt 1"-8 x 4" length	4
27	300281	Bolt 1 1/4"-12 x 8" length	2
28	301560	Nylon nut 5/16"-18	11
29	301550	Nylon nut 3/8"-16	5
30	301510	Nylon nut 1/2"-13	24
31	301540	Nylon nut 3/4"-10	4
32	301500	Nylon nut 1"-8	4
33	301530	Nylon nut 1 1/4"-12	2
34	301211	Bolt M8-1,25 x 16mm length x 16 mm thread	4
35	301900	M12 hexagonal nut	8
36	301200	Bolt M12-1,75 x 40mm length x 40 mm thread	8
37	301400	1/4" Wide Flat Washer	5
38	301390	5/16" Wide Flat Washer	10
39	301350	3/8" Wide Flat Washer	8
40	301310	1/2" Narrow Flat Washer	24
41	301360	5/8" Narrow Flat Washer	1
42	301340	3/4" Narrow Flat Washer	1
43	301330	1 1/4" Narrow Flat Washer	1
44	301100	Carriage Bolt 1/2"-13 UNC x 1 3/4" length x 1 1/2" thread	24
45	301730	3/8" Lock Washer	1
46	307070	Snap-Ring 1 3/8" Heavy	1
47	103700	T female npsm swivel-T female npsm swivel- female npt	1
48	101420	90ÁElbow - Male ORB Adjustable 1/2" - Female NPSM Swivel 3/8"	8
49	109010	Male x FEM 1/2"-NPT quick connect	5
50	Inclus Cylindre	Cylinder Pin Clip	16
51	120201	Hydraulic cylinder CL 2028	1
52	120271	Hydraulic cylinder CL 2506	1
53	120311	Hydraulic cylinder CL 2514	2
54	Inclus Cylindre	HCL Cylinder Pin	8
55	102820	1/2 NPT Plug	2
56	103230	Adapter NPTFS 3/8"-NPTM 3/8" restrictor 1/16" diam.	1
57	52-007-095	Gear box reinforcement	1
58	52-008-042	PTO Cover	1
59	52-018-035	Protective sheet	1
60	305011	Spindle shaft (gearbox)	1
61	Boulon 7/8"-14 UNF x 2" Long	Bolt 7/8"-14 UNF x 2" length	4
62	301770	7/8" Lock Washer	4

Brushcutter 5' Telescopic Lateral #52-018



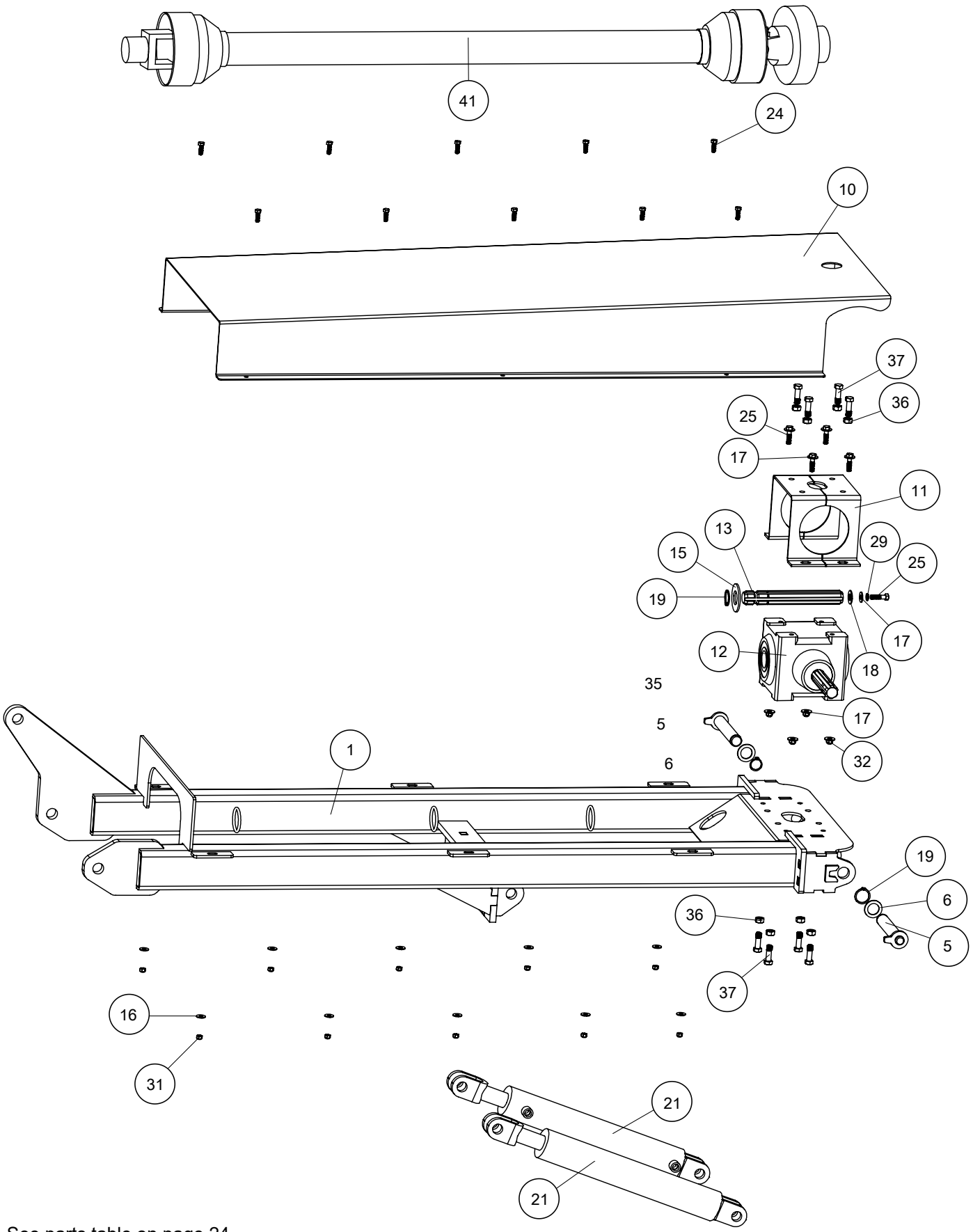
HYDRAULIC DIAGRAM			
No.	**Part #**	**Description**	**Qty**
1	120271	Hydraulic Cylinder 2 1/2 Diam. x 6" Stroke	1
2	120311	HCL 2514 Cylinder	2
3	120201	Hydraulic cylinder	1
4.a	101420	90° Elbow - Male ORB Adjustable 1/2" - Female NPSM Swivel 3/8"	4
4.b	101430	90° Elbow - Male ORB Adjustable 3/8" - Female NPSM Swivel 3/8"	2
5	103230	Adapter NPTFS 3/8"-NPTM 3/8" restrictor 1/16" diam.	1
9	103700	T female npsm swivel-T female npsm swivel-female npt	1
10	103420	3/8" Male - NPT x 3/8" Male - NPT	1
11	102820	1/2 NPT plug	2
12	109010	Quick Coupling Male x FEM 1/2"-NPT	5
13	105020	Ball valve 3/8 NPT 7350 PSI	1
14	140000	Dust caps 1/2" Red	5
15	140030-126-101750 -101750	3/8 Hydraulic hose	1
16	140030-190-101750 -101750	3/8 Hydraulic hose	1
17	140030-184-101750 -101750	3/8 Hydraulic hose	1
18	140030-007-101750 -101750	3/8 Hydraulic hose	1
19	140030-182-101750 -101750	3/8 Hydraulic hose	1
20	140030-175-101750 -101750	3/8 Hydraulic hose	1
21	140030-010-101750 -101750	3/8 Hydraulic hose	1

Brushcutter 6' Standard Lateral #52-010



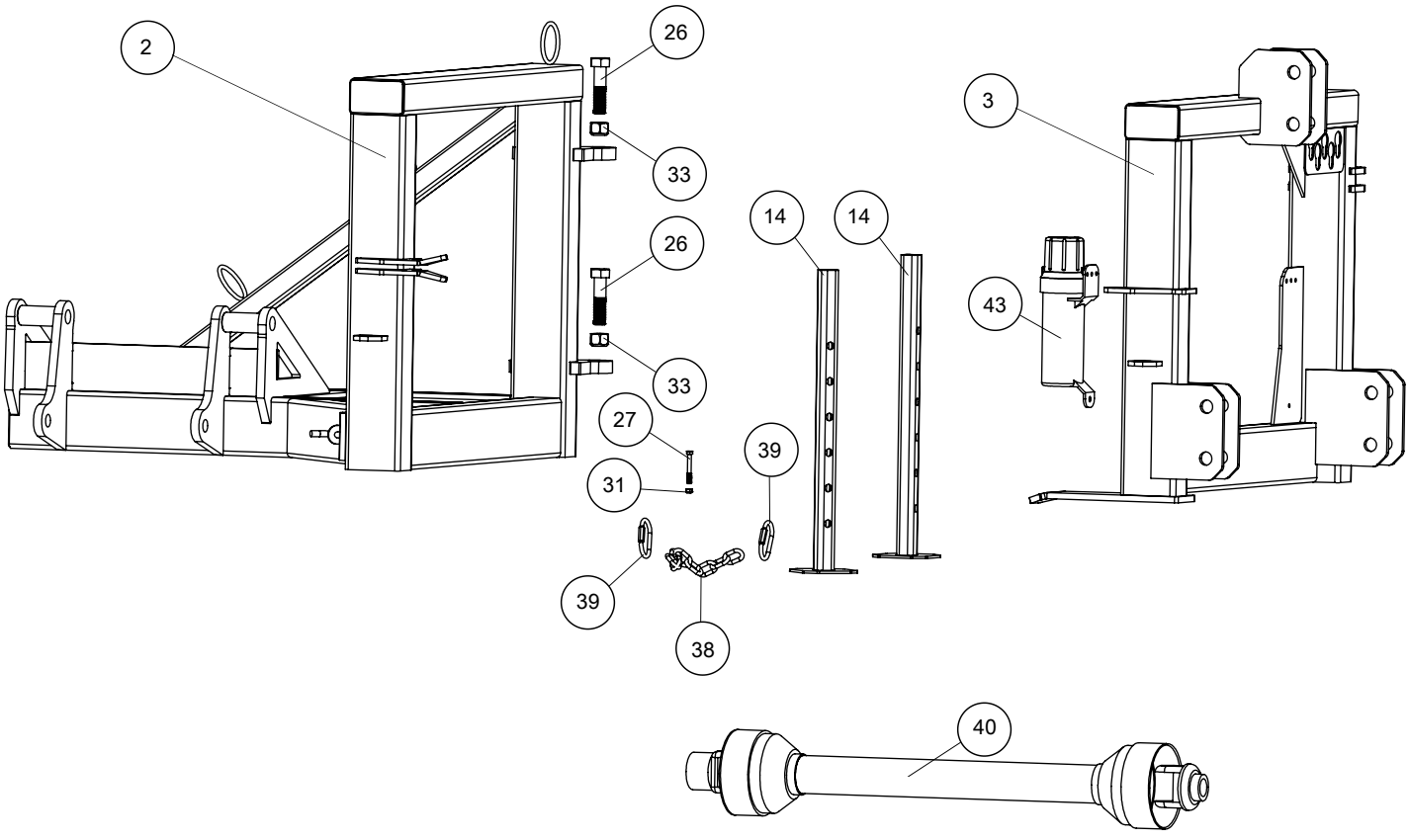
See parts table on page 24

Brushcutter 6' Standard Lateral #52-010



See parts table on page 24

Brushcutter 6' Standard Lateral #52-010

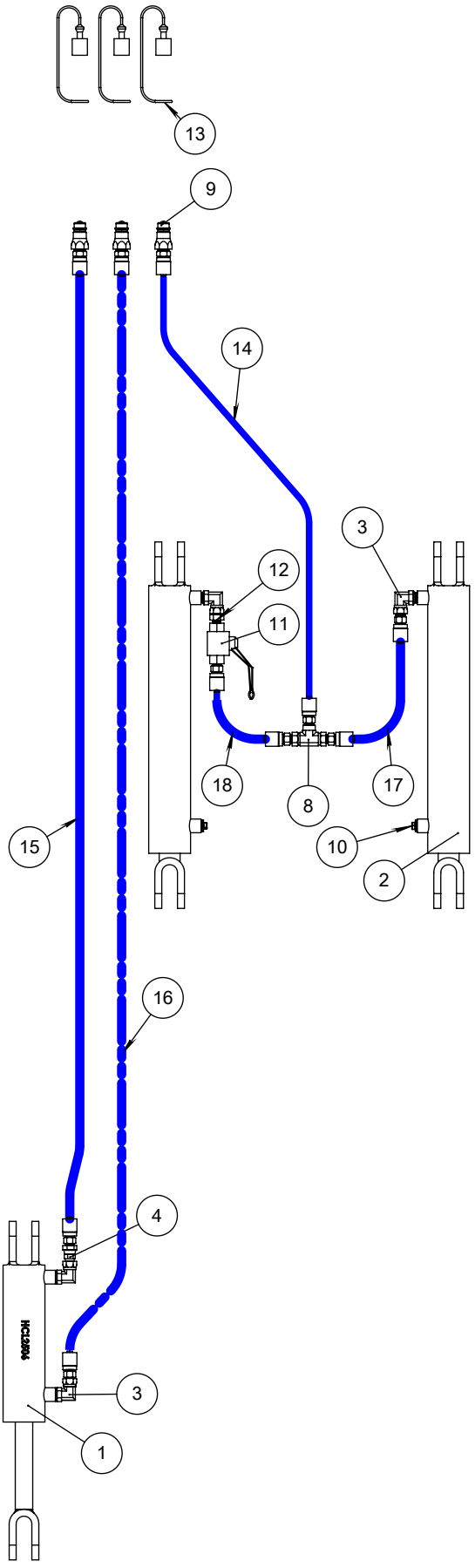


See parts table on page 24

Brushcutter 6' Standard Lateral #52-010

No.	# de pièce	Description_En	Qté
1	52-008-16	Arm frame assembly	1
2	52-008-21	Master pivot frame assembly	1
3	52-008-22	3 Pts frame assembly	1
4	52-008-17	Mower head assembly	1
5	52-008-19	Pivot pin	2
6	52-007-066	Washer	2
7	52-008-20	Cylinder pin	2
8	60-035-022	Washer	2
9	307060	Snap-ring 1"	2
10	52-008-043	PTO protection cover	1
11	52-008-042	PTO Cover	1
12	107000	T27D Gearbox	1
13	305011	Spline shaft (gearbox)	1
14	52-001-03	Foot support	2
15	301330	Flat Washer 1 1/4" Narrow	1
16	301390	Flat Washer 5/16" Broad	10
17	301350	Flat Washer 3/8" Broad	9
18	301360	Flat Washer 5/8" Narrow	1
19	307070	Snap-ring 1 1/8" heavy	2
20	107010	Gearbox LF140A	1
21	120311	HCL Cylinder 2514	2
22	120271	HCL 2506 Cylinder	1
23	300410	Bolt 3/4"-10 x 2 1/2" Long x 1 3/4" Thread	4
24	300700	Bolt 5/16"-18 x 1" Length x 1" Thread	10
25	300520	Bolt 3/8"-16 x 1 1/2" Length x 1" Thread	5
26	300300	Bolt 1"-8 x 4" Long x 2 1/4" Thread	2
27	300740	Bolt 5/16"-18 x 2 1/2" Long x 7/8" Thread	1
28	301770	Flat Washer 7/8"	4
29	301730	Flat Washer 3/8"	1
30	301540	Lock Nut 3/4"-10	4
31	301560	Lock Nut 5/16"-18	11
32	301550	Lock Nut 3/8"-16	4
33	301500	Lock Nut 1"-8	2
34	305000	Bolt A-63607	2
35	307062	Snap-ring 1 1/8"	1
36	301900	Hexagonal Nut M12	8
37	301200	Bolt M12-1,75 x 40 mm Length	8
38	310750	5/16 chain x 10"	1
39	310740	Quick Stitch	2
40	107045	PTO Transmission T50	1
41	107050	PTO Transmission T50	1
42	52-008-24	Blade support assembly	1
43	400500	Documents holder tube	1
44	305010	Brushcutter Blade	2

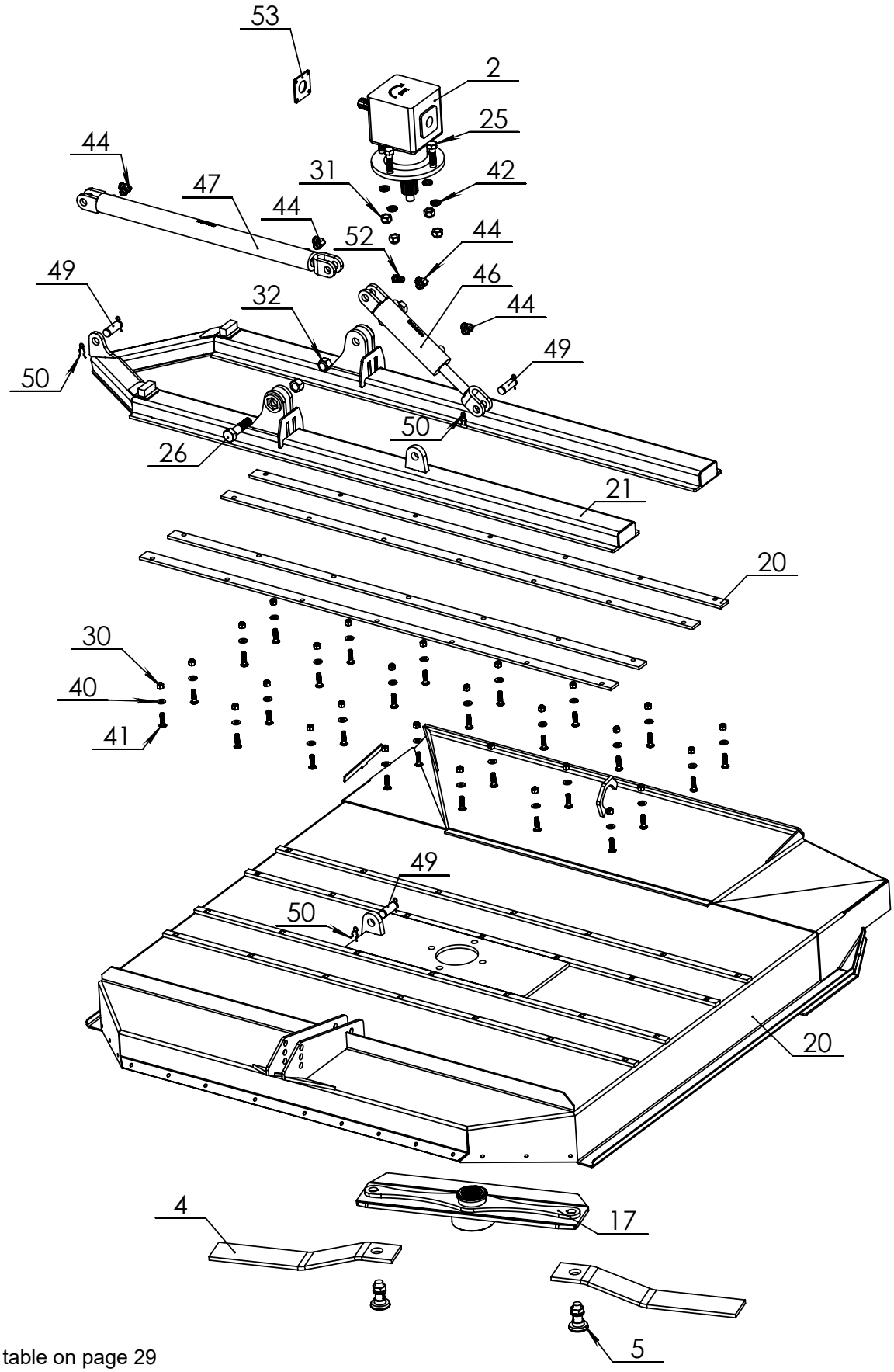
Brushcutter 6' Standard Lateral #52-010



HYDRAULIC DIAGRAM

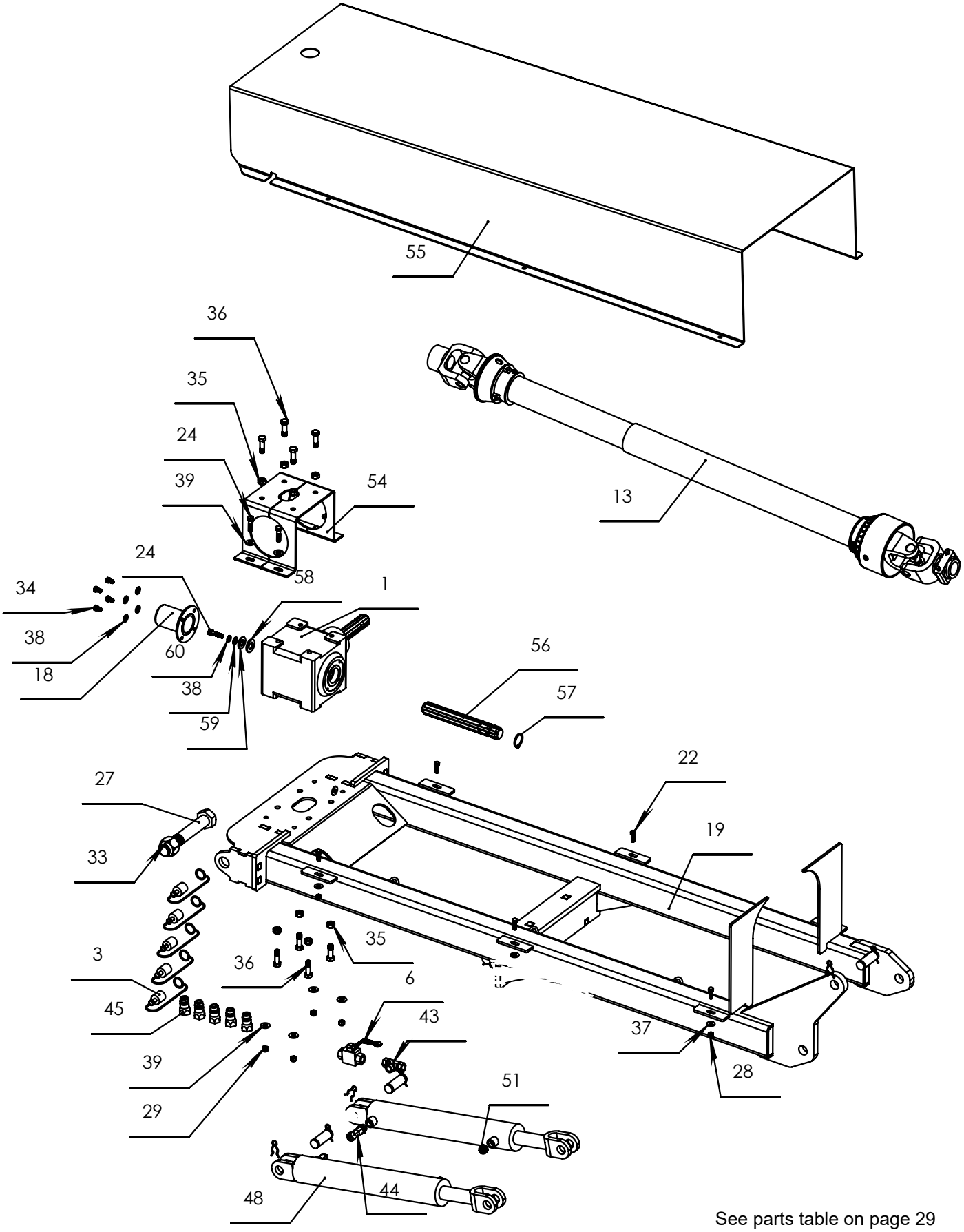
No.	Part #	Description	Qty
1	120271	Hydraulic Cylinder 2 1/2 Diam. x 6" Stroke	1
2	120311	HCL 2514 Cylinder	2
3	101420	90° Elbow - Male ORB Adjustable 1/2" - Female NPSM Swivel 3/8"	4
4	103230	Adapter NPTFS 3/8"-NPTM 3/8" restrictor 1/16" diam.	1
8	103700	T female npsm swivel-T female npsm swivel-female npt	1
9	109010	Quick Coupling Male x FEM 1/2"-NPT	3
10	102820	1/2 NPT Plug	2
11	105020	Ball valve 3/8 NPT 7350 PSI	1
12	103420	Male 3/8" - NPT x Male 3/8" - NPT	1
13	140000	Dust caps 1/2" Red	3
14	140030-132-101750-101750	3/8 Hydraulic hose	1
15	140030-196-101750-101750	3/8 Hydraulic hose	1
16	140030-204-101750-101750	3/8 Hydraulic hose	1
17	140030-010-101750-101750	3/8 Hydraulic hose	1
18	140030-007-101750-101750	3/8 Hydraulic hose	1

Brushcutter 6' Telescopic Lateral #52-019



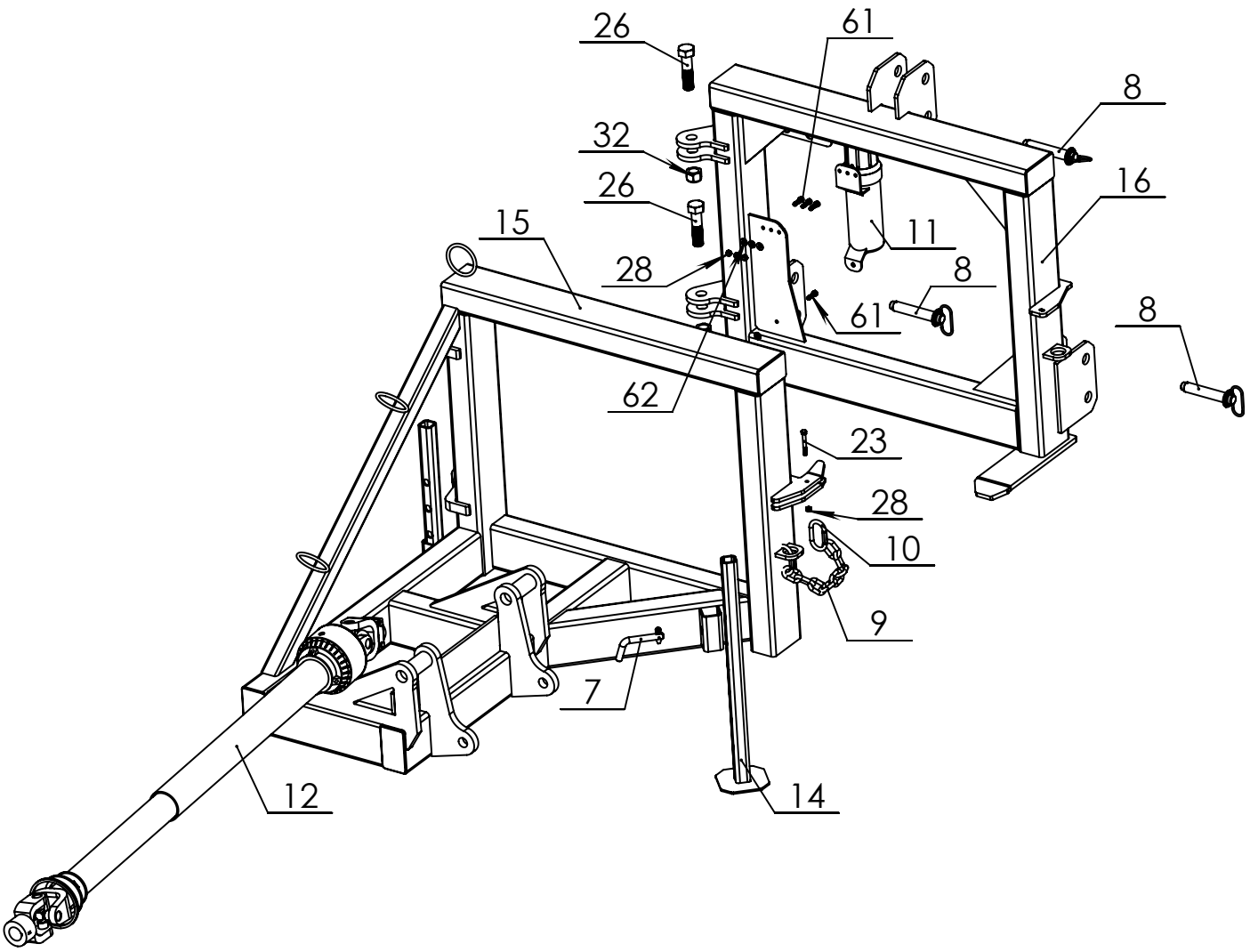
See parts table on page 29

Brushcutter 6' Telescopic Lateral #52-019



See parts table on page 29

Brushcutter 6' Telescopic Lateral #52-019

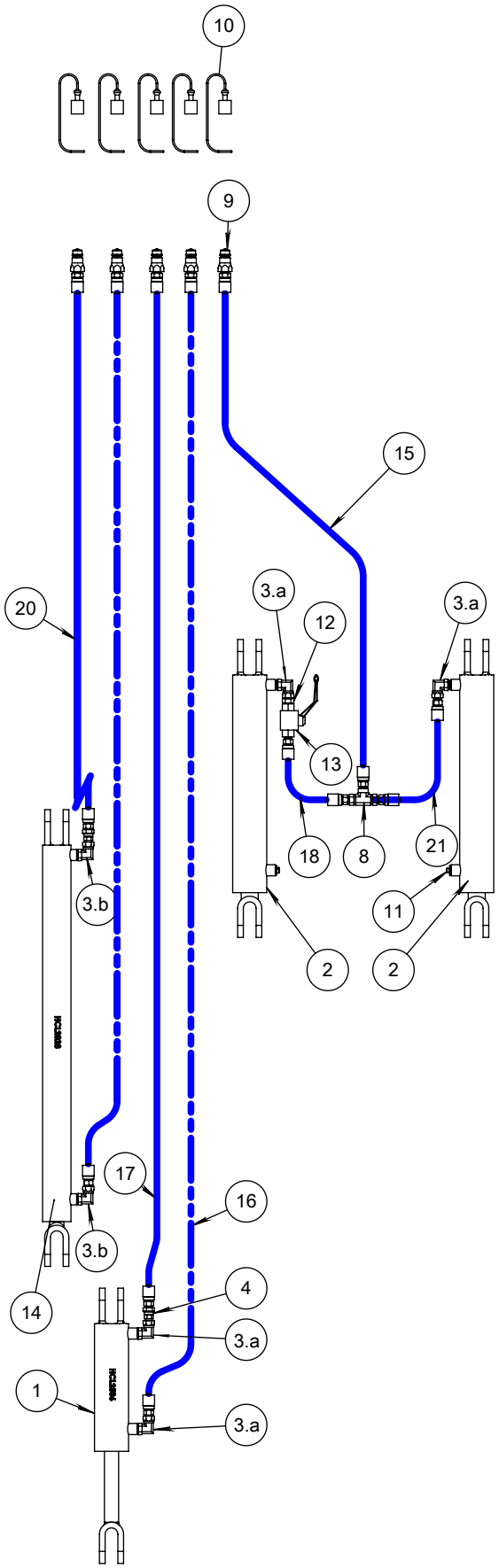


See parts table on page 29

Brushcutter 6' Telescopic Lateral #52-019

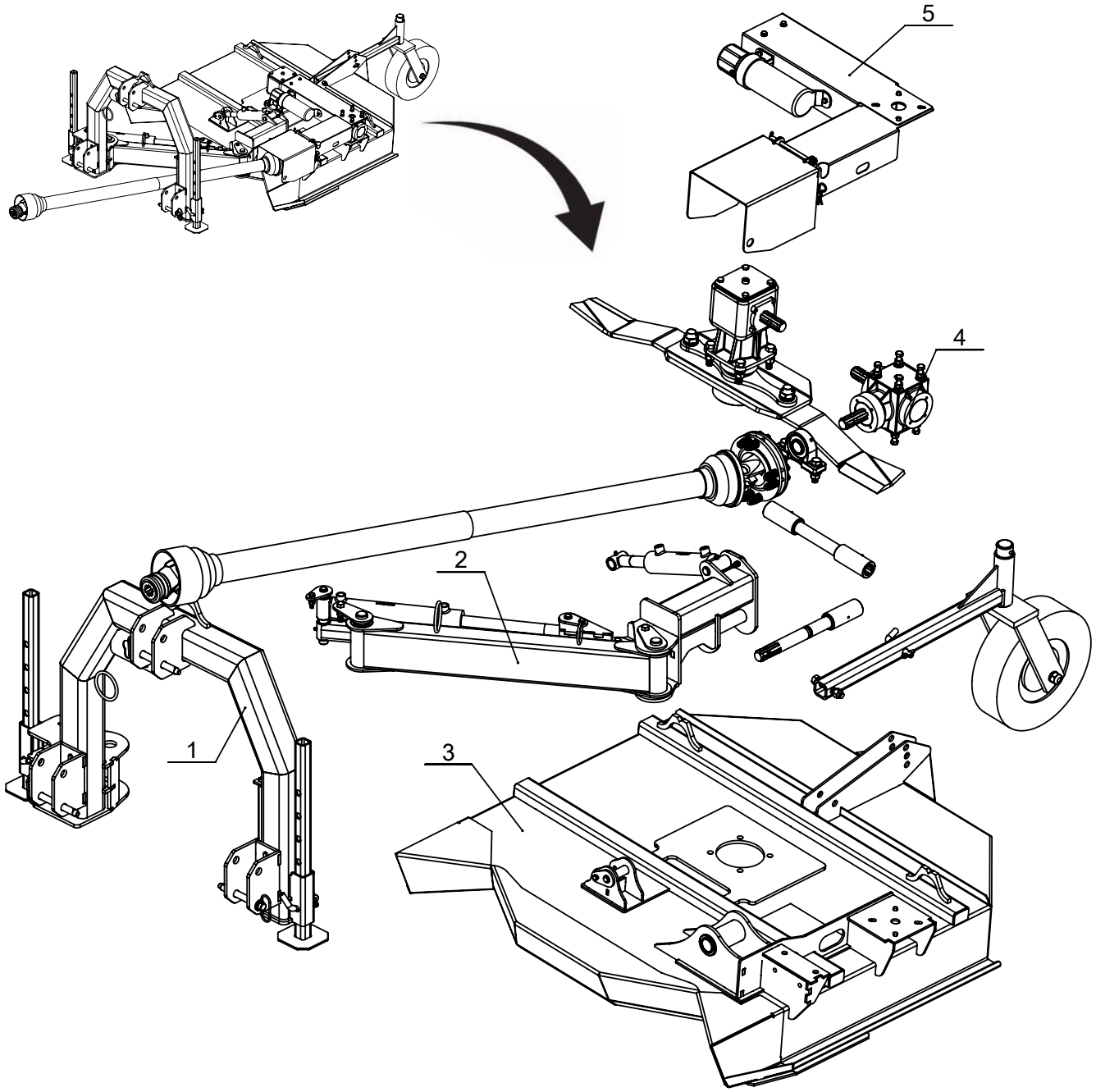
No.	Part #	Description	Qty
1	107000	Gear Box T27D	1
2	107010	GearBox LF140A	1
3	140000	Dust caps 1/2" Red	5
4	305010	Brushcutter Knife	2
5	305000	Screw Kit (2x)	1
6	105020	Ball valve 3/8 NPT 7350PSI	1
7	151003	5/8" x 3" Zinc Plated Pivot Pin	2
8	310830	Forged Tie Pin 1" x 4 3/4" Long	3
9	310750	Chain 5/16	1
10	310730	3/8 FRM22 Quick Link for Brush Cutter	2
11	400500	Document holder	1
12	107045	T50 Cardan Transmission	1
13	107052	T60 cardan transmission	1
14	52-001-03	Foot structure support	2
15	52-008-21	3-point attachment structure	1
16	52-008-22	3-point hitch for 6' brush cutter	1
17	52-008-24	6' blades support	1
18	52-008-25	Cap shaft with spline	1
19	52-019-03	6' Brushcutter Pivot Balm	1
20	52-019-05	6' telescopic brush cutter head	1
21	52-019-06	6' Brushcutter Extension	1
22	300700	Bolt 5/16"-18 x 1" Long	6
23	300740	Bolt 5/16"-18 x 2 1/2" Long	1
24	300520	Bolt 3/8"-16 x 1 1/2" Long	5
25	300410	Bolt 3/4"-10 x 2 1/2" Long	4
26	300300	Bolt 1"-8 x 4" Long	4
27	300281	Bolt 1 1/4"-12 x 8" Long	2
28	301560	Nylon nut 5/16"-18	11
29	301550	Nylon nut 3/8"-16	4
30	301510	Nylon nut 1/2"-13	28
31	301540	Nylon nut 3/4"-10	4
32	301500	Nylon nut 1"-8	4
33	301530	Nylon nut 1 1/4"-12	2
34	301211	Bolt M8-1,25 x 16mm Long x 16 mm thread	4
35	301900	M12 hexagonal nut	8
36	301200	Bolt M12-1,75 x 40mm Long x 40 mm thread	8
37	301390	5/16" Wide Flat Washer	6
38	301350	3/8" Narrow Flat Washer	5
39	301350	3/8" Wide Flat Washer	9
40	301310	1/2" Narrow Flat Washer	28
41	301100	Carriage Bolt 1/2"-13 UNC x 1 3/4" Long x 1 1/2" thread	28
42	301720	3/4" Lock Washer	4
43	103700	T female npsm swivel-T female npsm swivel- female npt	1
44	101420	90° Elbow - Male ORB Adjustable 1/2" - Female NPSM Swivel 3/8"	6
45	109010	Male x FEM 1/2"-NPT quick connect	5
46	120271	Hydraulic cylinder CL 2506	1
47	120201	Hydraulic cylinder CL 2028	1
48	120311	Hydraulic cylinder CL 2514	2
49	Included Cylinder	HCL Cylinder Pin	8
50	Included Cylinder	Cylinder Pin Clip	16
51	102820	1/2 NPT Plug	2
52	103230	Adapter NPTFS 3/8"-NPTM 3/8" restrictor 1/16" diam.	1
53	52-007-095	Gear box reinforcement	1
54	52-008-042	PTO Cover	1
55	52-019-022	Protective sheet	1
58	301340	3/4" Narrow Flat Washer	1
59	301360	5/8" Narrow Flat Washer	1
60	301730	3/8" Lock Washer	1
61	Bolt 5/16"-18 x 1 1/8" Long	Bolt 5/16"-18 x 1 1/8" Long	4
62	301400	1/4" Wide Flat Washer	4

Brushcutter 6' Telescopic Lateral #52-019



HYDRAULIC DIAGRAM			
No.	**Part #**	**Description**	**Qty**
1	120271	Hydraulic Cylinder 2 1/2 Diam. x 6" Stroke	1
2	120311	HCL 2514 Cylinder	2
3.a	101420	90° Elbow - Male ORB Adjustable 1/2" - Female NPSM Swivel 3/8"	4
3.b	101430	90° Elbow - Male ORB Adjustable 3/8" - Female NPSM Swivel 3/8"	2
4	103230	Adapter NPTFS 3/8"-NPTM 3/8" restrictor 1/16" diam.	1
5	104340	End Ring 3/8" Dia.	14
6	101750	3/8" Hyd. Tip X 3/8"-NPT Male	9
7	101740	3/8" Hyd. Tip X 1/2"-NPT Male	5
8	103700	T female npsm swivel-T female npsm swivel-female npt	1
9	109010	Quick Coupling Male x FEM 1/2"-NPT	5
10	140000	Dust caps 1/2" Red	5
11	102820	1/2 NPT Plug	2
12	103420	3/8" Male - NPT x 3/8" Male - NPT	1
13	105020	Ball valve 3/8 NPT 7350PSI	1
14	120201	Hydraulic cylinder	1
15	140030-132-101750 -101750	3/8 hydraulic hose	1
16	140030-204-101750 -101750	3/8 hydraulic hose	1
17	140030-196-101750 -101750	3/8 hydraulic hose	1
18	140030-007-101750 -101750	3/8 hydraulic hose	1
19	140030-194-101750 -101750	3/8 hydraulic hose	1
20	140030-191-101750 -101750	3/8 hydraulic hose	1
21	140030-010-101750-101750	3/8 hydraulic hose	1

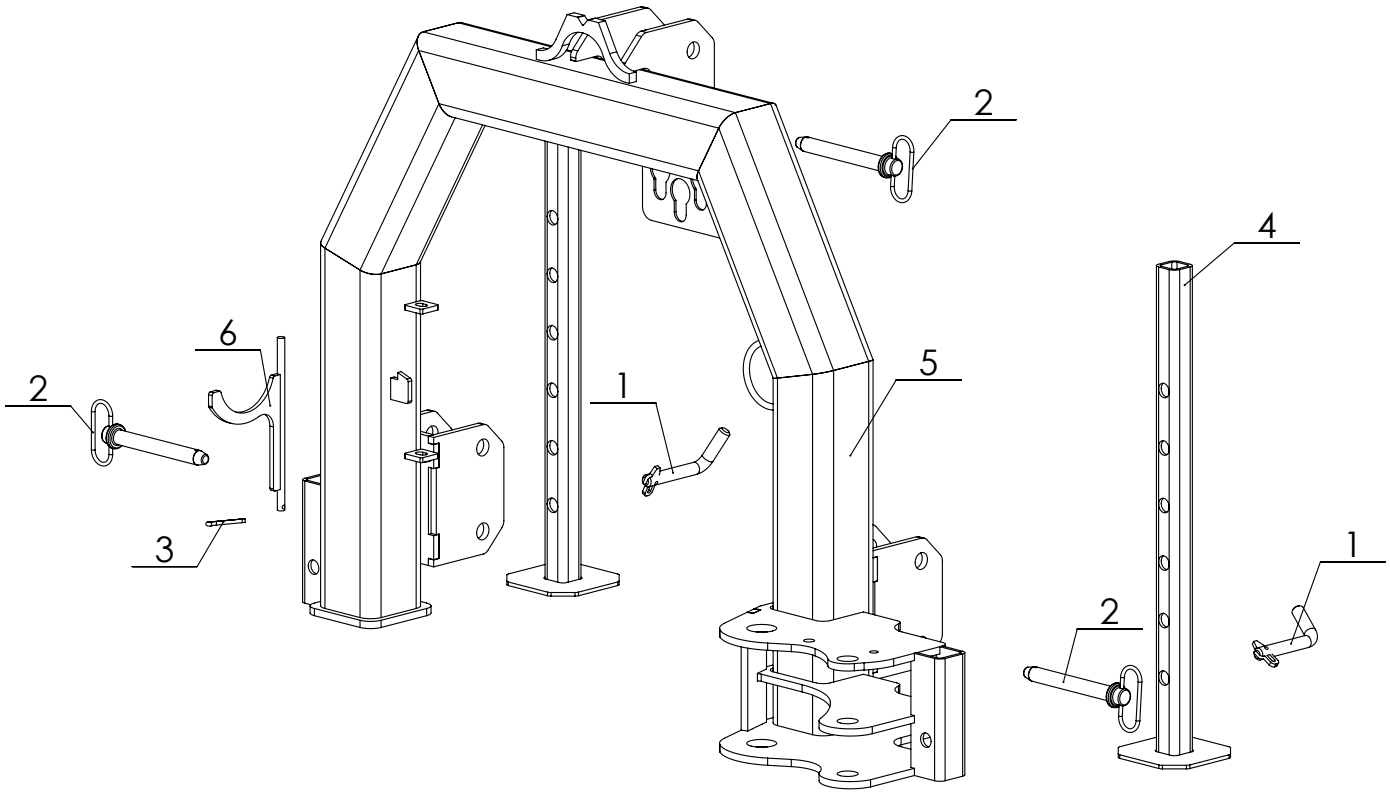
Brushcutter Flex 4' #52-032



Brushcutter FLEX 4' - Assembly 52-032

No.	Description	Qty.
1	3-point hitch for Brushcutter Flex 4'	1
2	Brushcutter Flex 4' Arm	1
3	Brushcutter Flex 4' Head Brushcutter	1
4	Flex 4' PTO and Gearbox Brushcutter	1
5	Flex 4' Gearbox cover	1

Brushcutter Flex 4' #52-032

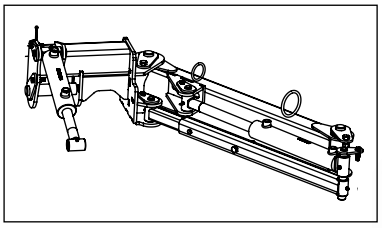


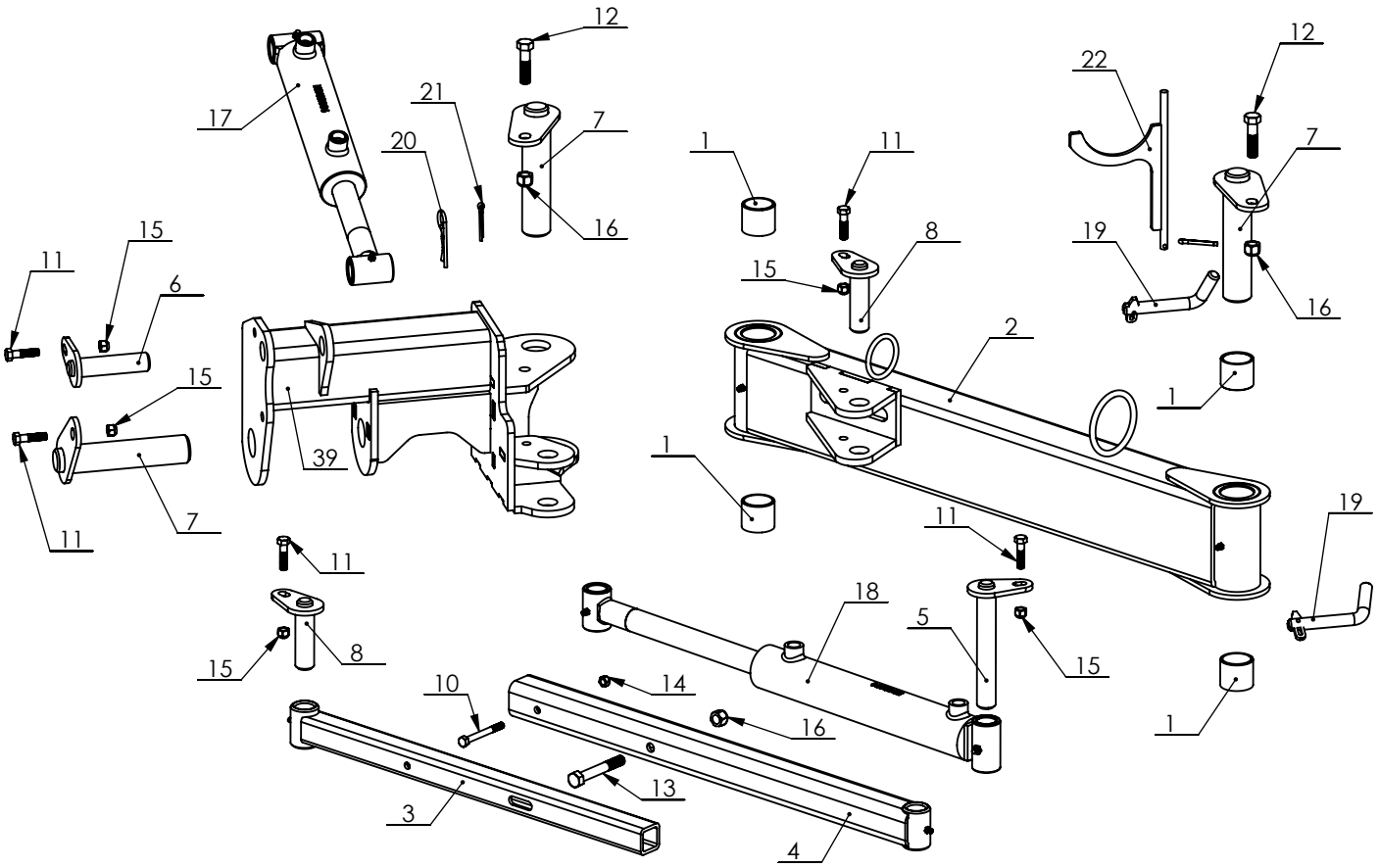
Parts List
Brushcutter Frame

No.	Part #	Description	Qty
1	151003	5/8" x 3" Zinc-Plated Pivot Pin	2
2	310837	Forged Tie Pin 3/4" x 6 1/4" Length	3
3	310881	Cotter Pin 1/8" x 1 1/4"	1
4	52-001-03	Foot Structure Support	2
5	52-032-11	Frame for 4' Brushcutter	1
6	52-000-03	PTO Retainer	1

Brushcutter Flex 4' #52-032

Brushcutter 4' Flex Arm





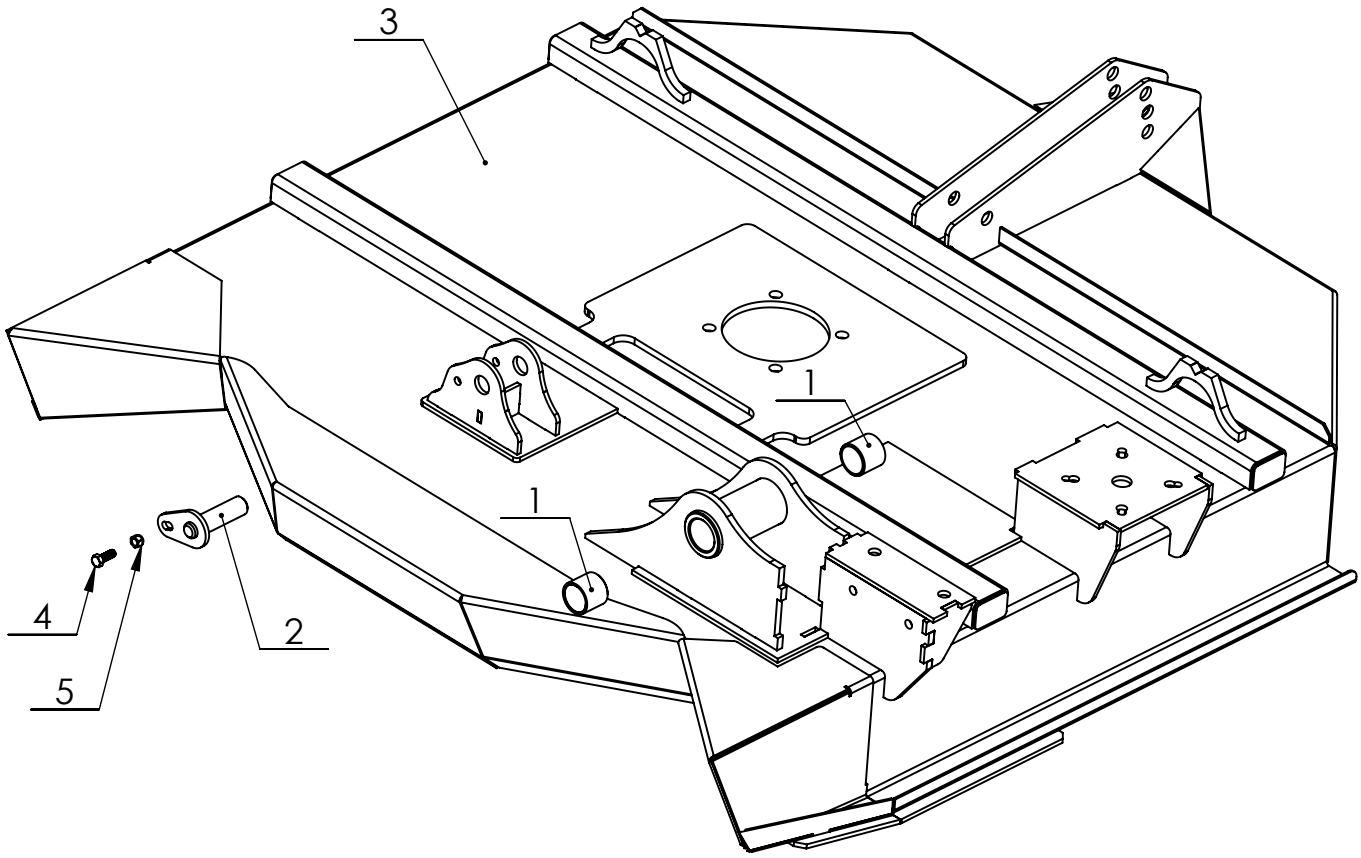
See parts table on page 34

Brushcutter Flex 4' #52-032

Parts List
Brushcutter 4' Flex Arm

No.	Part #	Description	Qty
1	111020	Bushing 1.5 x 1.75 x 1.5	4
2	52-032-02	4' Pivot arm	1
3	52-023-05	Return arms 4'	1
4	52-023-06	Return arms 4'	1
5	52-032-10	Pivot arm and cylinder body	1
6	52-032-13	Cylinder head body pivot	1
7	52-032-16	Pivot arm pivot	3
8	52-032-17	Pivot return arm	2
9	52-032-30	4' head pivot	1
10	300750	Bolt 5/16"-18 x 3" Length	1
11	300520	Bolt 3/8"-16 x 1 1/2" Length	5
12	300030	Bolt 1/2"-13 x 2" Length	2
13	300060	Bolt 1/2"-13 x 3 1/2" Length	1
14	301560	Nylon nut 5/16"-18	1
15	301550	Nylon nut 3/8"-16	5
16	301510	Nylon nut 1/2"-13	3
17	120110	Hydraulic cylinder BU 2006	1
18	120130	Hydraulic cylinder BU2010	1
19	151003	Pine 5/8" x 3" zinc-plated pivot	2
20	310833	RK Pin 5/32 x 2 3/4" Length	1
21	310881	Split pin1/8 x 1- 1/4	2
22	52-000-03	PTO hold-up	1

Brushcutter Flex 4' #52-032

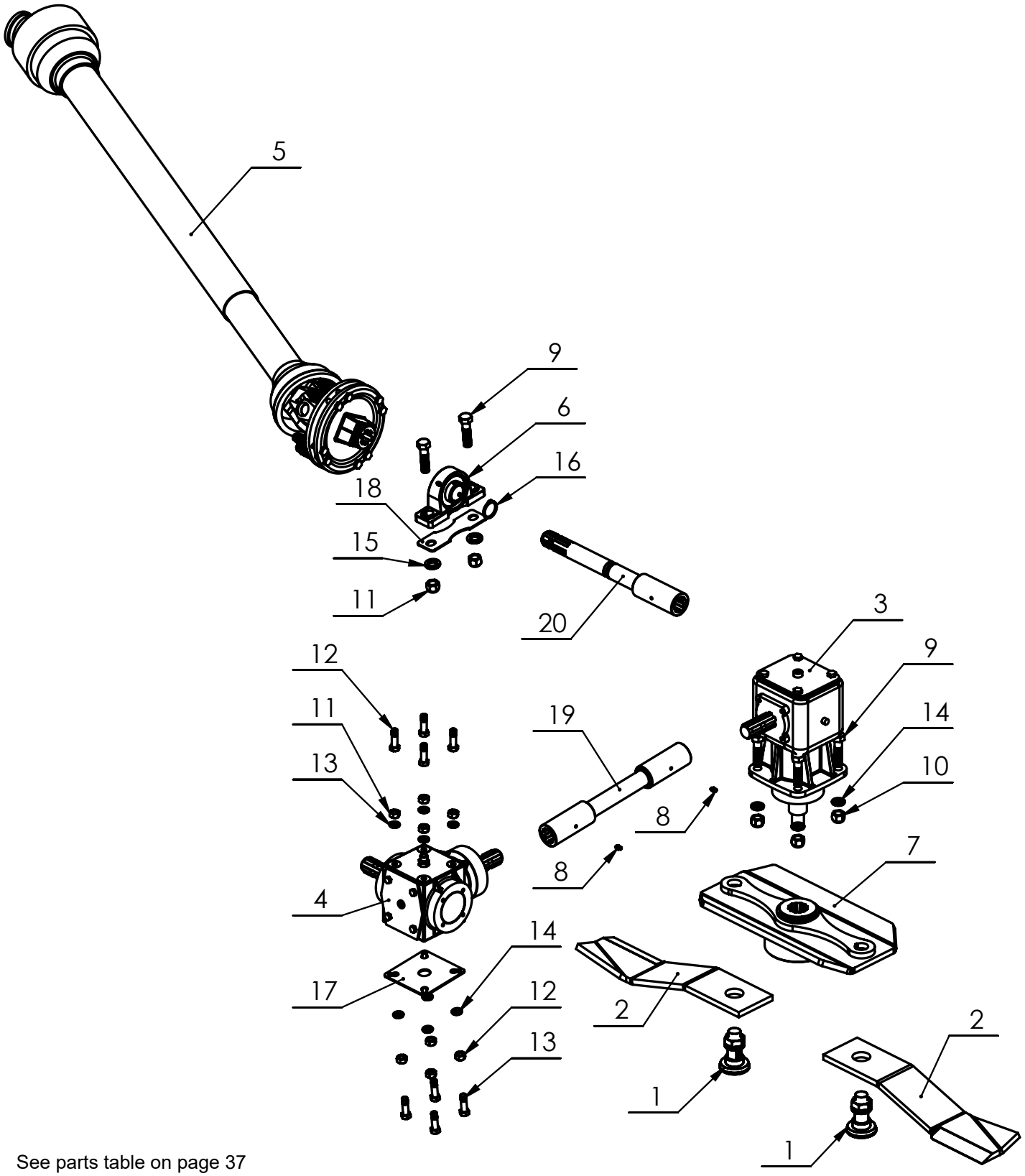


Parts List
Brushcutter 4' Flex Head

No.	Part #	Description	Qty
1	111020	Bushing 1.5 x 1.75 x 1.5	2
2	52-032-17	Return arm pivot	1
3	52-032-31	Brushcutter head	1
4	300500	Bolt 3/8"-16 x 1" Length	1
5	301550	Nylon nut 3/8"-16	1

Brushcutter Flex 4' #52-032

PTO and Gearbox 4' Flex Brushcutter



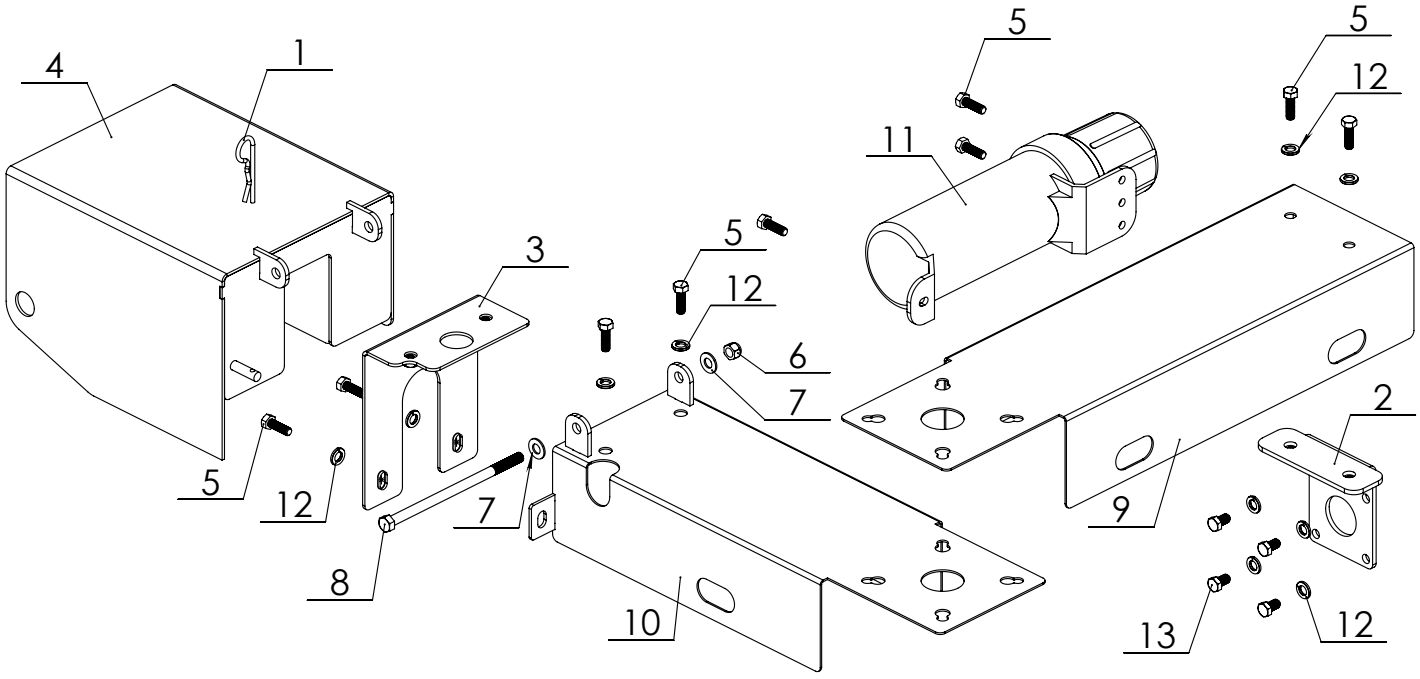
See parts table on page 37

Brushcutter Flex 4' #52-032

Parts List
PTO and Gearbox for Brushcutter Flex 4'

No.	Part #	Description	Qty
1	305000	Nut and Locknut Kit (2x kit) / Screw Kit (2x) Brushcutter	2
2	305013	Blade A-7829BH	2
3	107008	Gear box LF-205J	1
4	107005	Gear box T19A	1
5	107042	Cardan transmission T40-121P024430-241023-W/	1
6	150048	GR.F Bearings Pillow Bloc UCP207-22 (1 3/8 I.D.)	1
7	52-026-20	Blade support 4'	1
8	310020	1/4"-28 Straight Grease Fitting	3
9	300830	Bolt 5/8"-11 x 2 1/2" Length	6
10	301570	Nylon nut 5/8"-11	6
11	301900	Hex nut M12	8
12	301200	Bolt M12-1,75 x 40mm Length x 40 mm Thread	8
13	301700	Lock washer 1/2"	8
14	301750	Lock washer 5/8"	4
15	301720	Lock washer 3/4"	2
16	307070	Snap-Ring 1 3/8" Heavy	1
17	52-032-120	Shim under gearbox	1
18	52-032-121	Shim under bearing	1
19	52-032-014	Shaft power transfer	1
20	52-032-012	Spline shaft	1

Brushcutter Flex 4' #52-032

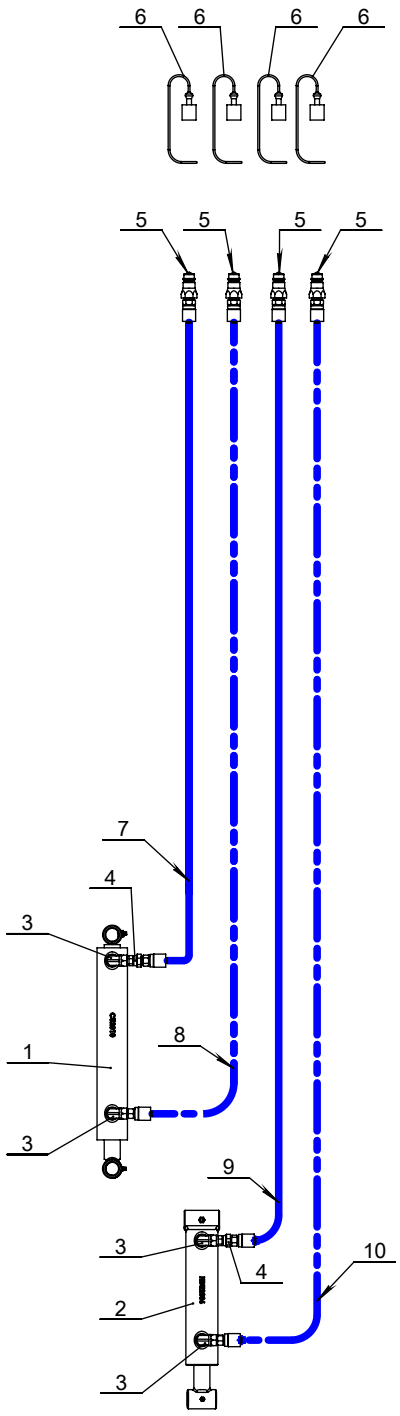


Parts List
Gearbox Cover for Brushcutter Flex 4'

No.	Part #	Description	Qty
1	310833	RK Pin 5/32 x 2 3/4" Length	1
2	52-026-22	PTO Cover Retainer	1
3	52-026-24	Protective Sheet Metal Support Assembly	1
4	52-032-25	PTO Cover	1
5	300700	5/16"-18 x 1" Long Bolt	9
6	301550	3/8"-16 Nylon Nut	1
7	301350	3/8" Narrow Flat Washer	2
8	300599	3/8"-16 x 6" Long Bolt	1
9	52-032-18	4' Flex Gearbox Cover	1
10	52-032-26	PTO Cover	1
11	400500	Document Holder	1
12	301730	3/8" Lock Washer	10
13	301211	M8-1.25 x 16mm Long x 16mm Thread Bolt	4

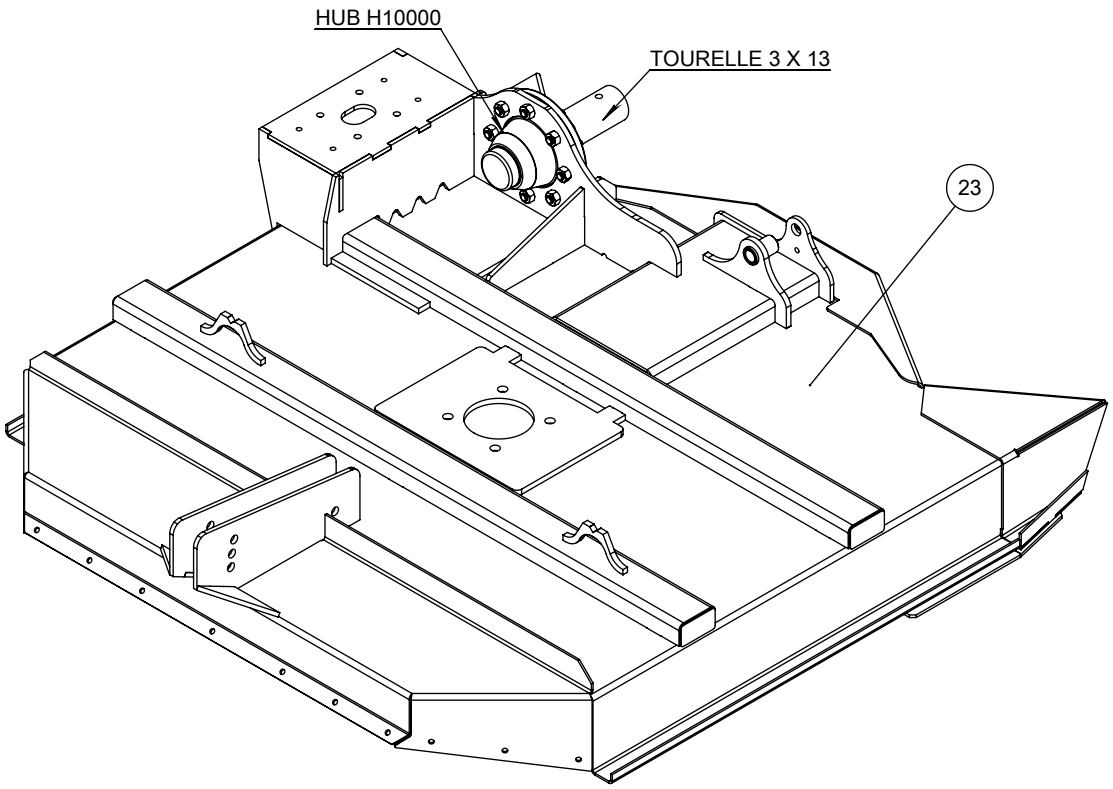
Brushcutter Flex 4' #52-032

HYDRAULIC DIAGRAM



Parts List 4' Flex Hydraulic Diagram			
No.	**Part #**	**Description**	**Qty**
1	120129	Hydraulic cylinder CU2010	1
2	120110	Hydraulic cylinder BU 2006	1
3	101420	90° Elbow - Male ORB Adjustable 1/2" - Female NPSM Swivel 3/8"	4
4	103230	Adapter NPTFS 3/8"-NPTM 3/8" restrictor 1/16" diam.	2
5	109010	Male x FEM 1/2"-NPT quick connect	4
6	140000	Dust caps 1/2" Red	4
7	140030-086-101740-101750	3/8 Hydraulic hose	1
8	140030-100-101740-101750	3/8 Hydraulic hose	1
9	140030-108-101740-101750	3/8 Hydraulic hose	1
10	140030-114-101740-101750	3/8 Hydraulic hose	1

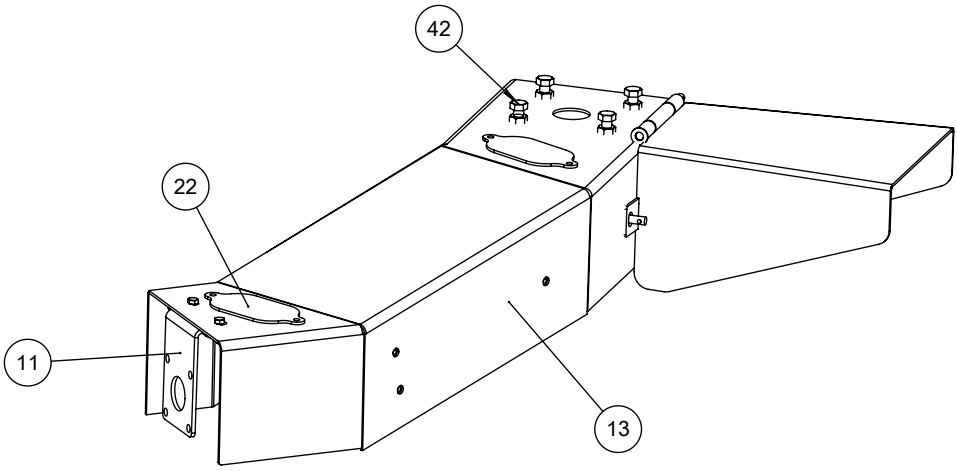
Brushcutter Flex 5' #52-022
(Old model)



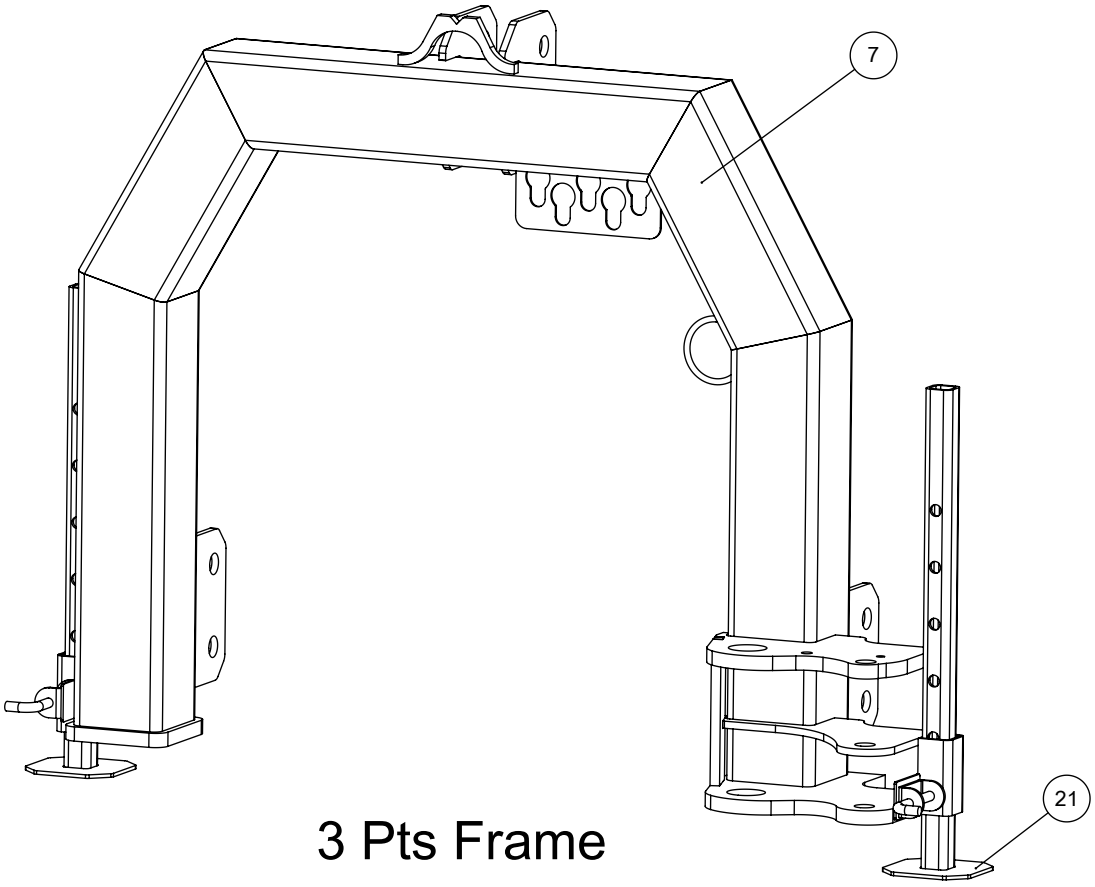
Mower head

See parts table on page 43

Brushcutter Flex 5' #52-022
(Old model)



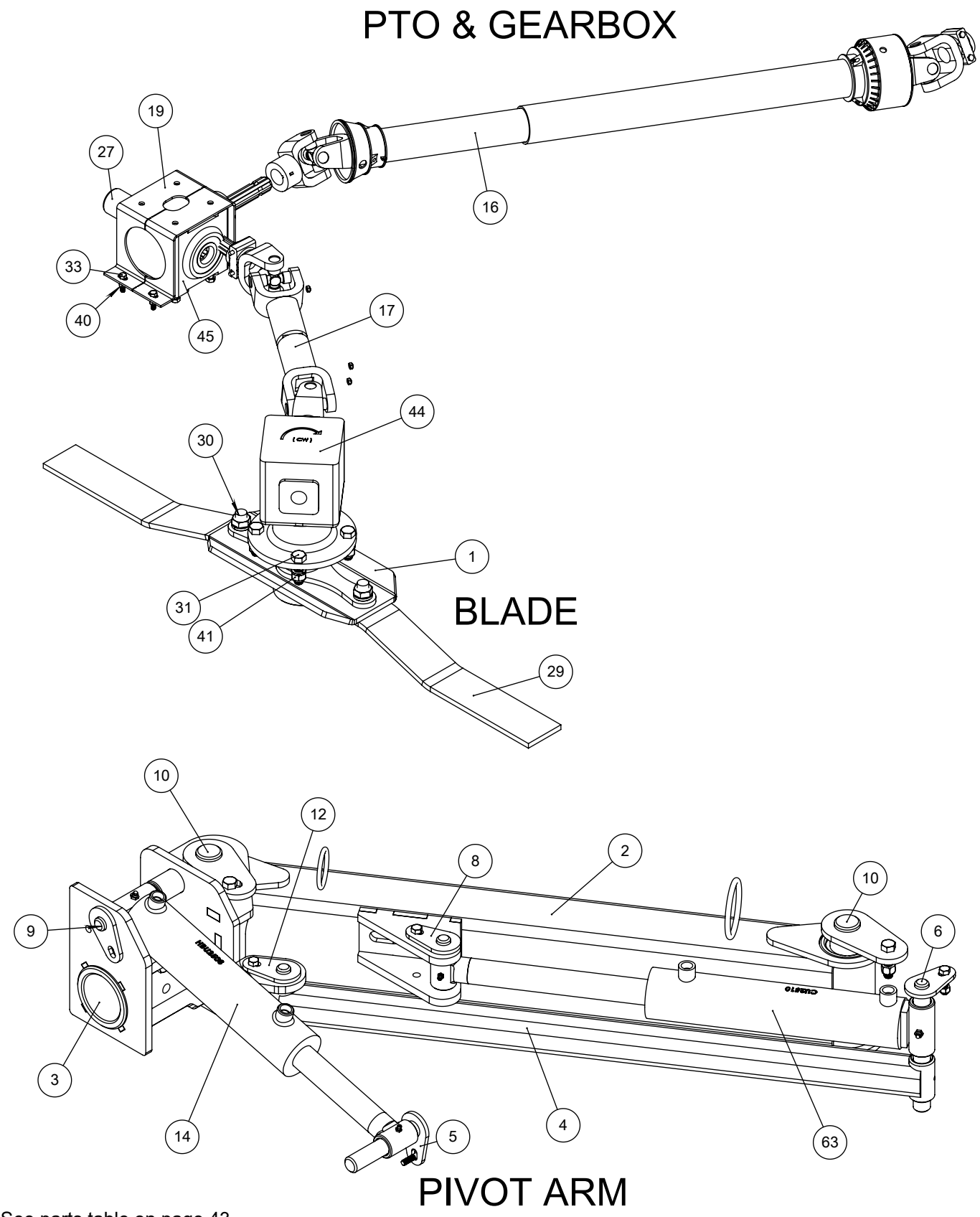
PTO Cover



3 Pts Frame

See parts table on page 43

Brushcutter Flex 5' #52-022
(Old model)



See parts table on page 43

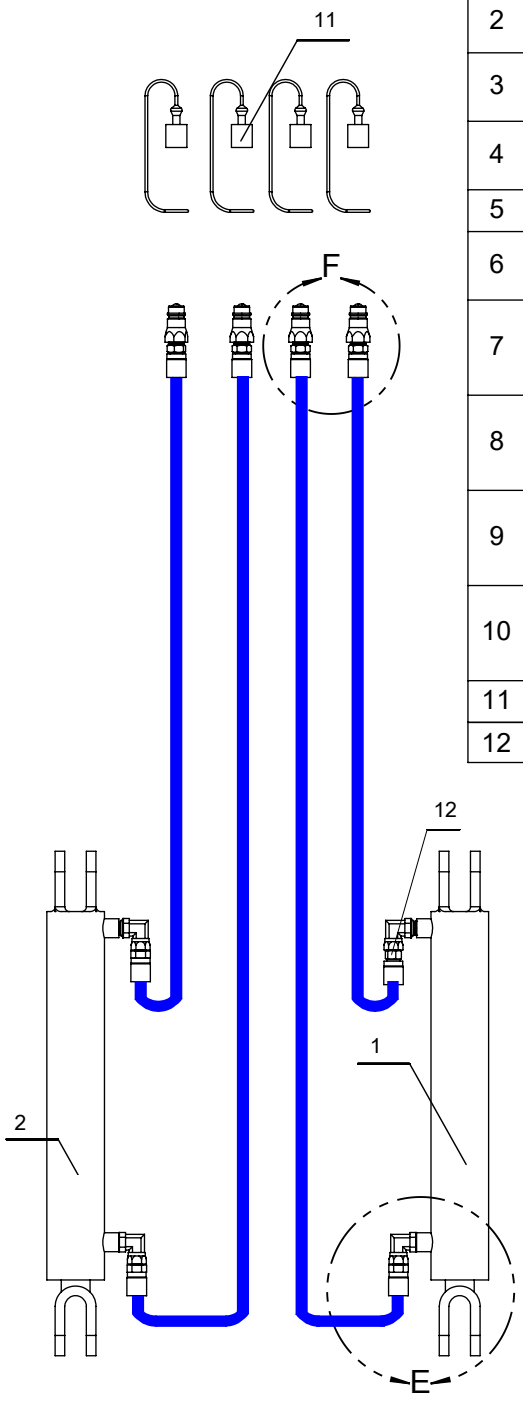
Brushcutter Flex 5' #52-022
(Old model)

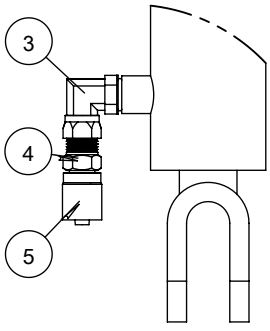
No.	#Parts	Description	Qty
1	52-007-20	Blade assembly support	1
2	52-022-02	Arm assembly	1
3	52-022-03	Head pivot assembly	1
4	52-022-05	Retainer arm	1
5	52-022-13	Pivot pin assembly	1
6	52-022-12	Pivot pin assembly	1
7	52-022-11	3 Pts frame assembly	1
8	52-022-15	Pivot pin assembly	1
9	52-022-14	Pivot pin assembly	1
10	52-022-17	Pivot pin assembly	2
11	52-022-19	PTO cover retainer assembly	1
12	52-022-16	Pivot pin assembly	1
13	52-023-18	PTO Protector assembly	1
14	120280	HBU 2508 Cylinder	1
15	52-022-21	HBU 2510 Modified Cylinder	1
16	107050	PTO Transmission T50	1
17	107043	PTO Transmission T50 Short	1
18	52-021-101	Plastic tube 2 1/2" O.D. x 2" I.D.	2
19	52-008-042	PTO Cover	1
21	52-001-03	Foot support	2
22	52-021-098	PTO Cover plate	2
23	52-022-08	Brushcutter Flex 5' Complete Head assembly with Hub	1
24	52-007-26	Brushcutter chain wall protector	1
25	52-007-24	Brushcutter chain wall protector - Left side	1
26	52-007-28	Brushcutter chain wall protector - Right side	1
27	52-008-25	Gearbox Cap	1
28	52-022-050	Tube 2 x 2 x 1/4	1
29	305010	Brushcutter Blade	2
30	305000	Bolt A-63607	2
31	300410	Bolt 3/4"-10 x 2 1/2" Long x 1 3/4" Thread	4
32	301720	Flat Washer 3/4"	4
33	300520	Bolt 3/8"-16 x 1 1/2" Length x 1" Thread	8
34	300030	Bolt 1/2"-13 x 2" Length x 1 1/4" Thread	2
35	300710	Bolt 5/16"-18 x 1 1/4" Length x 7/8" Thread	1
36	300080	Bolt 1/2"-13 x 4 1/2" Long x 1 1/4" Thread	1
37	300200	Bolt 1/4"-20 x 1" Loenght x 1" Thread	2
38	301510	Lock Nut 1/2"-13	3
39	301560	Lock Nut 5/16"-18	1
40	301550	Lock Nut 3/8"-16	8
41	301540	Lock Nut 3/4"-10	4
42	301200	Bolt M12-1,75 x 40 mm Length	8
43	301900	Hexagonal Nut M12	8
44	107010	Gearbox LF140A	1
45	107000	T27D Gearbox	1

Brushcutter Flex 5' #52-022
(Old model)

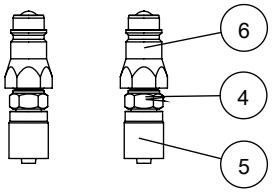
HYDRAULIC DIAGRAM

#	Part #	Description	Qty
1	210290	Hydraulic Cylinder 2 1/2" Dia. x 10" Stroke	1
2	210080	Hydraulic Cylinder 2-1/2" Dia x 8" Stroke	1
3	101420	90° Elbow - Male ORB Adjustable 1/2" - Female NPSM Swivel 3/8"	4
4	101740	3/8" Hyd. Tip X 1/2"-NPT Male	8
5	104340	End Ring 3/8" Dia.	8
6	109010	Quick Coupling Male x FEM 1/2"-NPT	4
7	140030-080-101750-101740	Hydraulic Hose Assembly 3/8 x 80" M12810-06-06 x M12810-06-08	1
8	140030-092-101750-101740	Hydraulic Hose Assembly 3/8 x 92" M12810-06-06 x M12810-06-08	1
9	140030-112-101750-101740	Hydraulic Hose Assembly 3/8 x 112" M12810-06-06 x M12810-06-08	1
10	140030-122-101750-101740	Hydraulic Hose Assembly 3/8 x 122" M12810-06-06 x M12810-06-08	1
11	140000	Dust caps 1/2" Rouge	4
12	101750	3/8" Hyd. Fitting X 3/8" Male - NPT	1



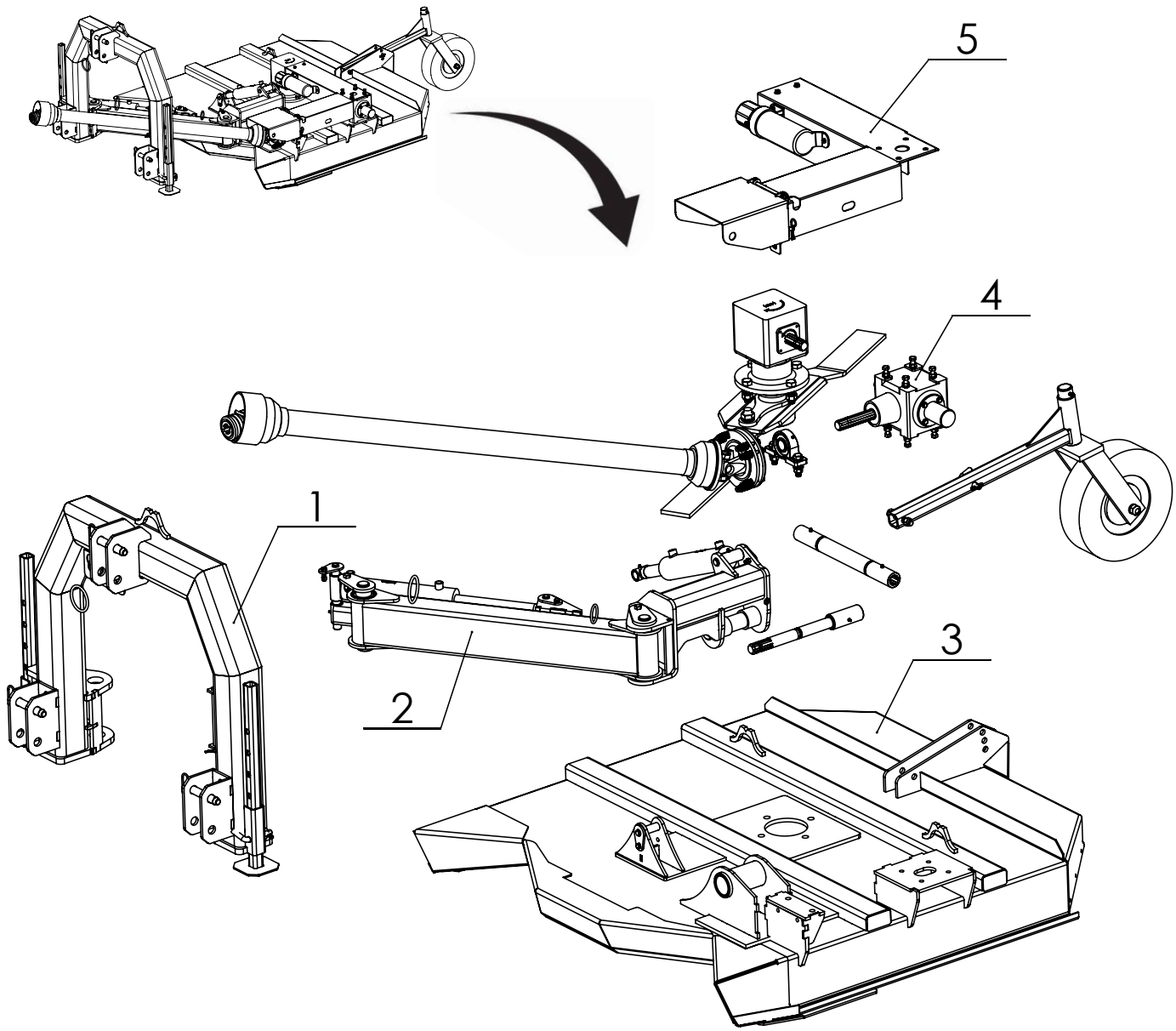


DÉTAIL E
ECHELLE 1 : 5



DÉTAIL F
ECHELLE 1 : 5

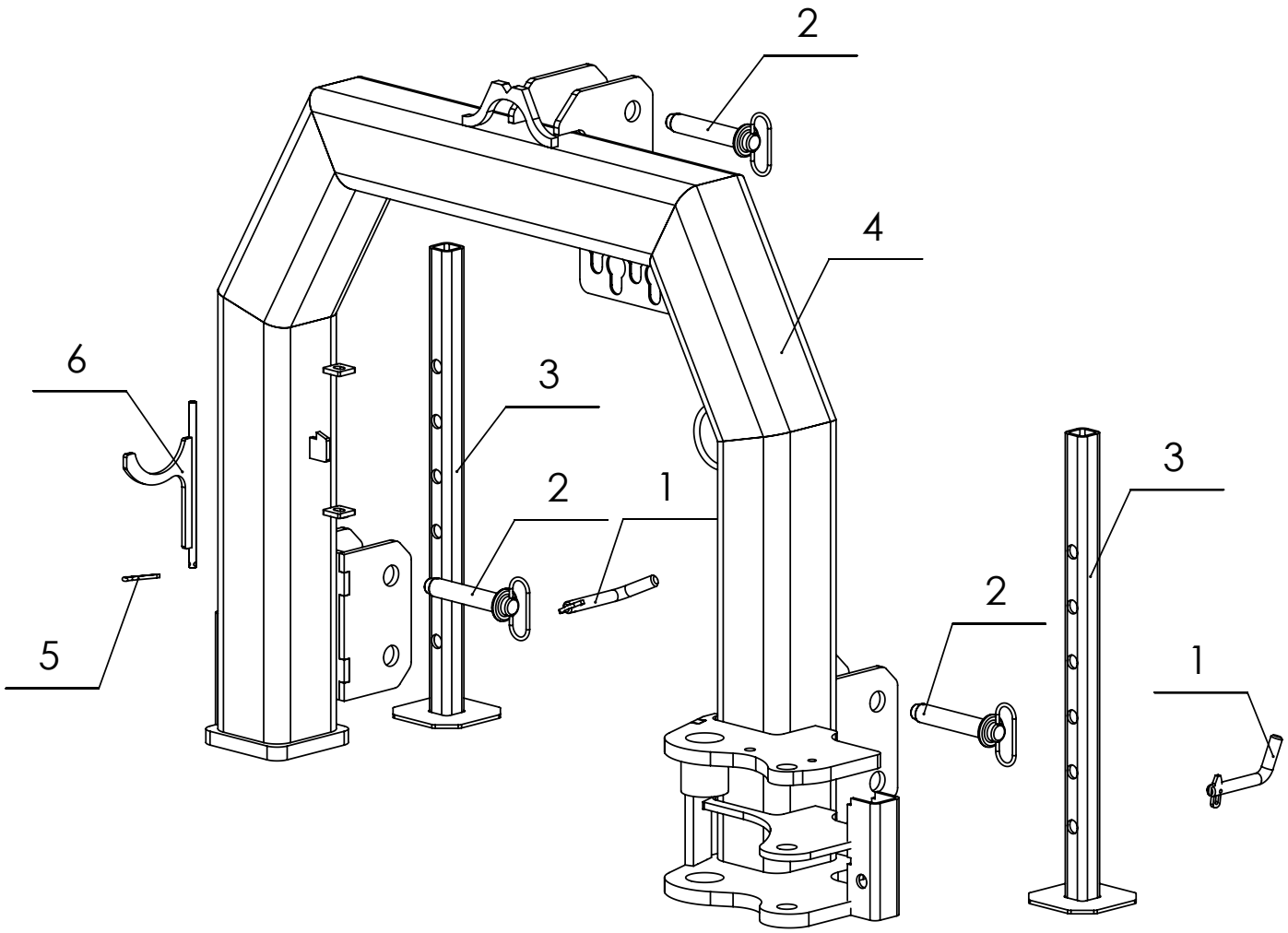
Brushcutter Flex 5' #52-022
(New model)



Brushcutter 5' Flex - Assembly 52-030

No.	Description	Qty
1	3-point frame for 5' Flex brushcutter	1
2	5' Flex brushcutter arm	1
3	5' Flex Brushcutter Head	1
4	5' Flex brushcutter PTO and gearbox	1
5	5' Flex Brushcutter Gearbox Cover	1

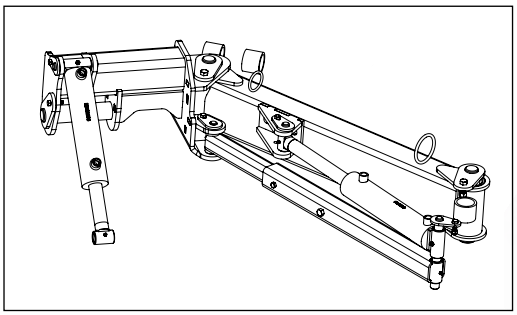
Brushcutter Flex 5' #52-022
(New model)



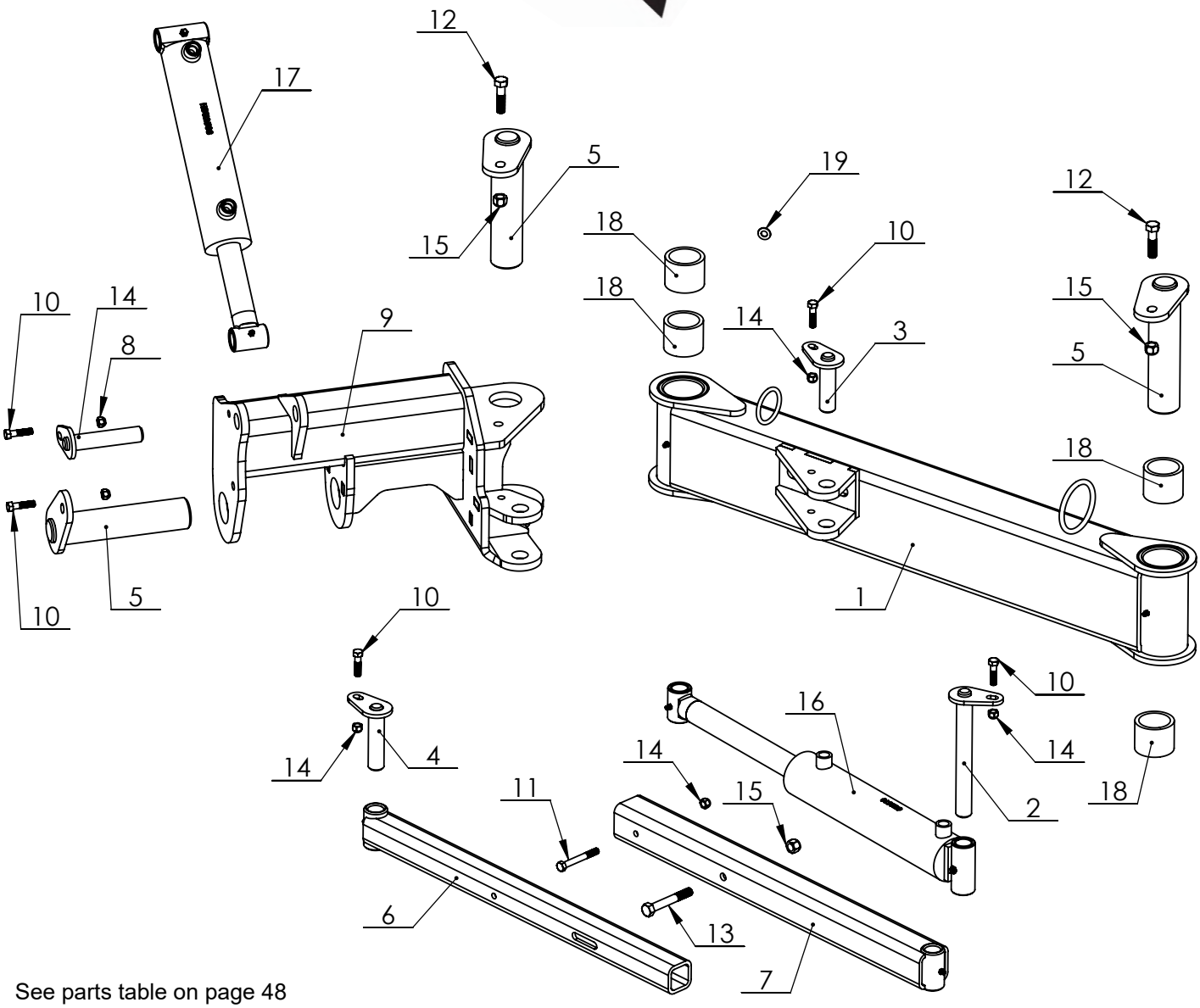
Parts List
3-point mount for Brushcutter 5' Flex

No.	Part #	Description	Qty
1	151003	5/8" x 3" Zinc Plated Pivot Pin	2
2	310830	Forged tie pin 1" x 4 3/4" Length	3
3	52-001-03	Foot structure support	2
4	52-022-11	Brushcutter 5' flex frame	1
5	310881	Split pin 1/8 x 1- 1/4	1
6	52-000-03	PTO hold-up	1

Brushcutter Flex 5' #52-022
(New model)



Brushcutter Flex 5' Arm



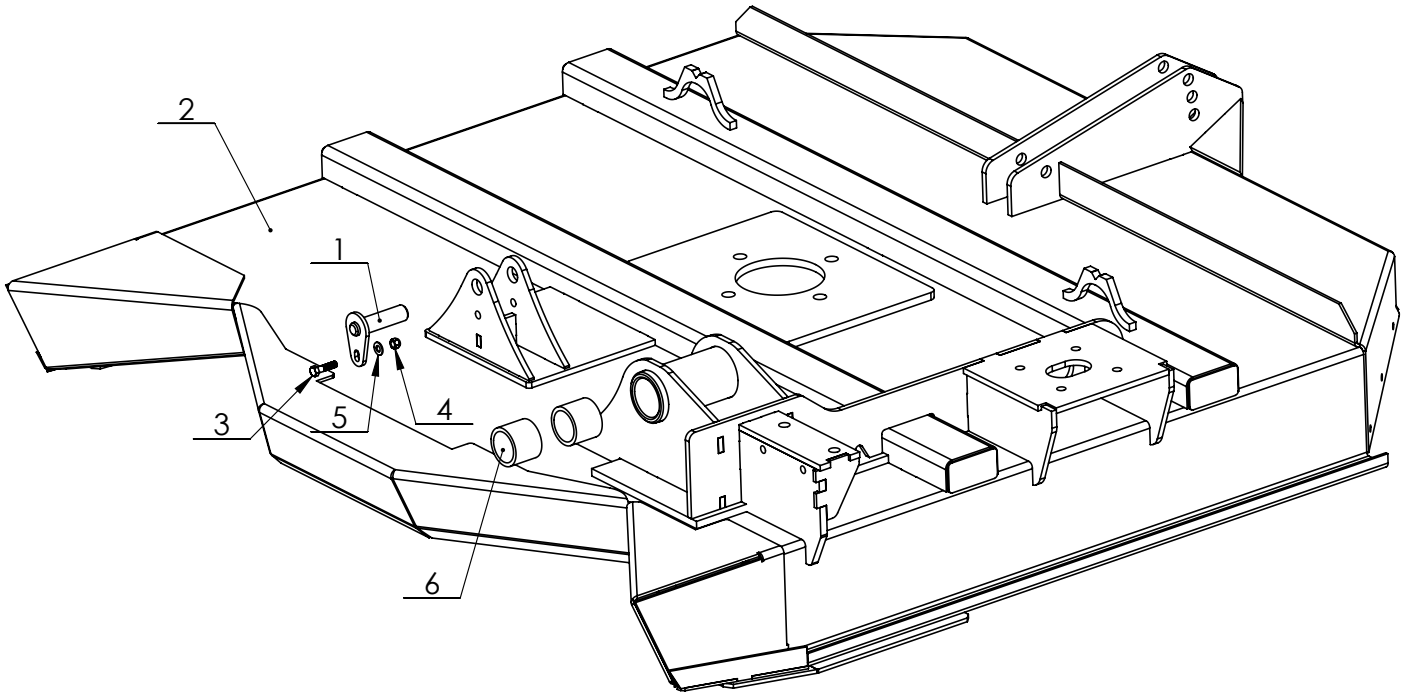
See parts table on page 48

Brushcutter Flex 5' #52-022
(New model)

Liste de Pièces
Brushcutter Flex 5' Arm

No.	Part #	Description	Qty
1	52-022-02	Pivot arm	1
2	52-022-12	Pivot arm and cylinder body	1
3	52-022-15	Pivot cylinder rod pivot arm	1
4	52-022-16	Pivot return arm	1
5	52-022-17	Pivot arm pivot	3
6	52-023-05	Return arms	1
7	52-023-06	Return arms	1
8	52-022-16	Pivot return arm	1
9	52-022-03	Mower pivot	1
10	300520	Bolt 3/8"-16 x 1 1/2" Length	5
11	300550	Bolt 3/8"-16 x 3" Length	1
12	300030	Bolt 1/2"-13 x 2" Length	2
13	300060	Bolt 1/2"-13 x 3 1/2" Length	1
14	301550	Nylon nut 3/8"-16	6
15	301510	Nylon nut 1/2"-13	3
16	120290	Hydraulic cylinder BU 2510	1
17	120280	Hydraulic cylinder 2-1/2" Dia x 8" Stroke	1
18	52-021-101	Plastic tube 2 1/2" O.D. x 2" I.D.	4
19	301350	3/8" Narrow Flat Washer	1

Brushcutter Flex 5' #52-022
(New model)



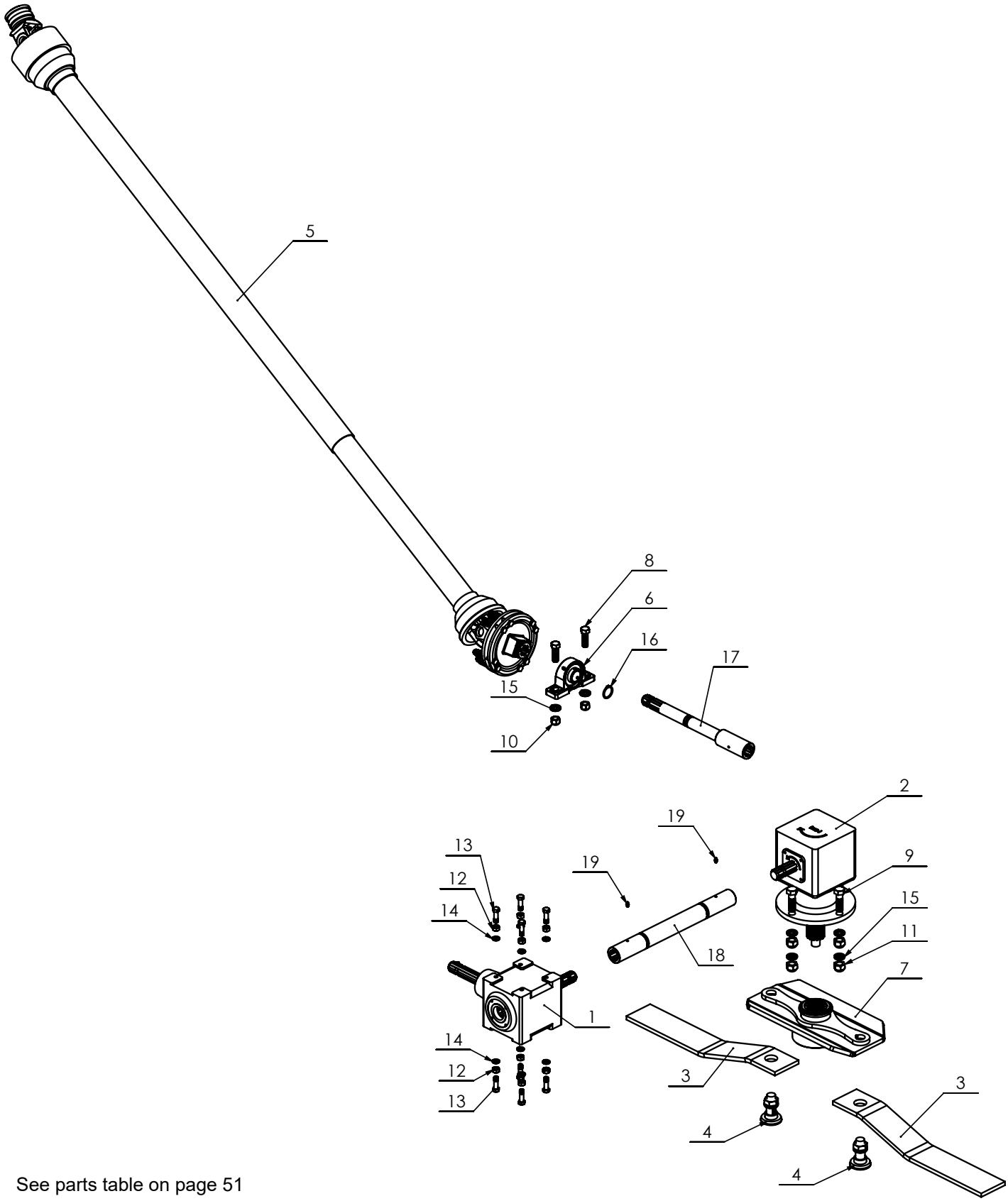
Mower

Parts List
Brushcutter 5' Flex Head

No.	Part #	Description	Qty
1	52-022-15	Pivot cylinder rod pivot arm	1
2	52-022-08	Brushcutter head	1
3	300520	Bolt 3/8"-16 x 1 1/2" Length	1
4	301550	Nylon nut 3/8"-16	1
5	301350	3/8" Narrow Flat Washer	1
6	52-021-101	Plastic tube 2 1/2" O.D. x 2" I.D.	2

Brushcutter Flex 5' #52-022
(New model)

PTO and Gearbox 5' Flex Brushcutter



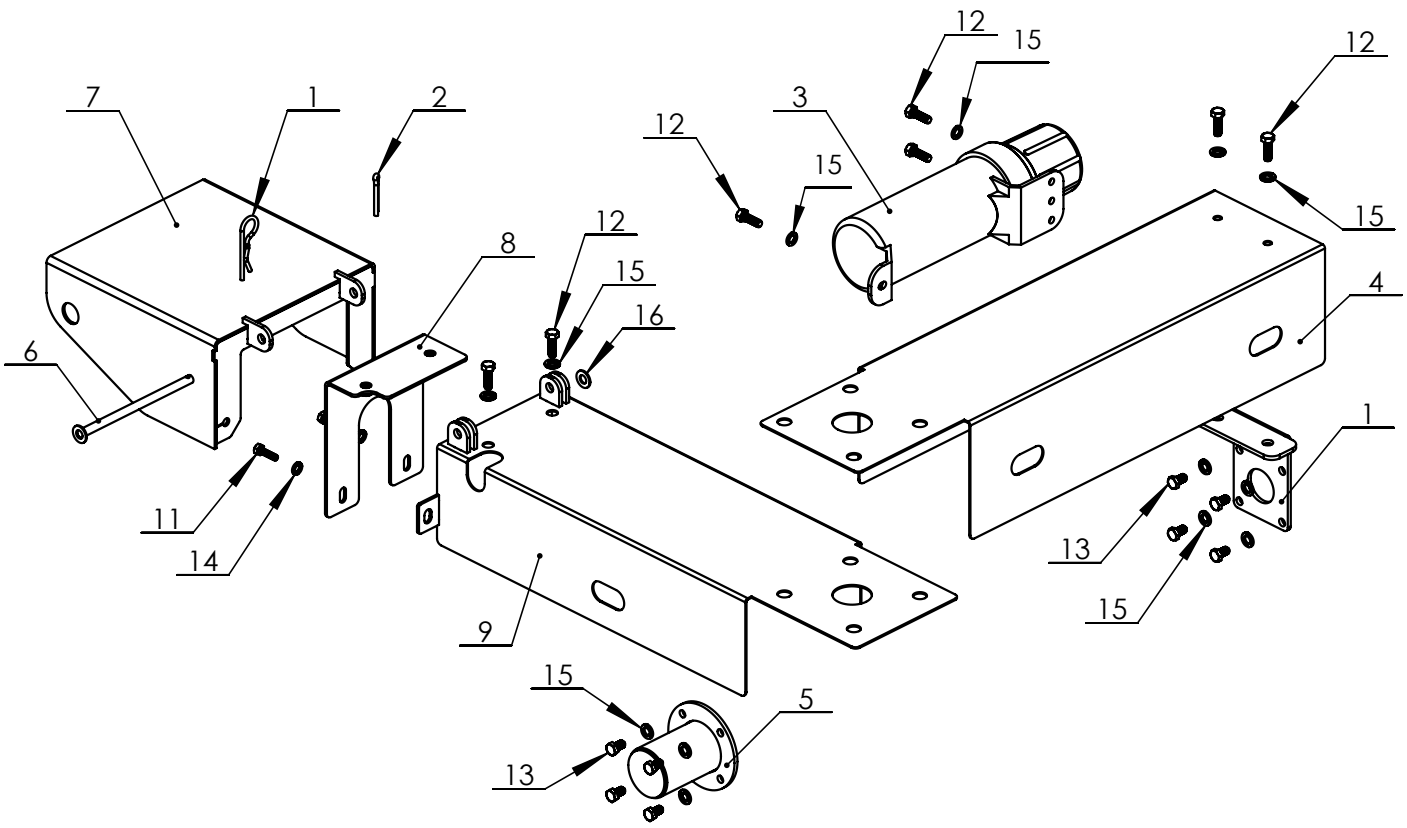
See parts table on page 51

Brushcutter Flex 5' #52-022
(New model)

Part List
PTO and Gearbox for Brushcutter Flex 5'

No.	Part #	Description	Qty
1	107000	Gear Box T27D	1
2	107010	GearBox LF140A	1
3	305010	Brushcutter Blade	2
4	305000	Screw Kit (2x)	1
5	107050	Cardan transmission T50	1
6	150048	Bearings Pillow Bloc UCP207-22 (1 3/8 I.D.)	1
7	52-007-20	Blade holder 5'	1
8	300820	Bolt 5/8"-11 x 2" Length	2
9	300410	Bolt 3/4"-10 x 2 1/2" Length	4
10	301570	Nylon nut 5/8"-11	2
11	301540	Nylon nut 3/4"-10	4
12	301900	Hex nut M12	8
13	301200	Bolt M12-1,75 x 40mm Length x 40 mm Thread	8
14	301700	Lock washer 1/2"	8
15	301720	Lock washer 3/4"	6
16	307070	Snap-Ring 1 3/8" Heavy	1
17	52-030-032	Spline shaft	1
18	52-030-114	Power transfer shaft	1
19	52-030-011	1 3/8-6 Fluted Ring	3
20	310020	1/4"-28 Straight Grease Fitting	3

Brushcutter Flex 5' #52-022
(New model)

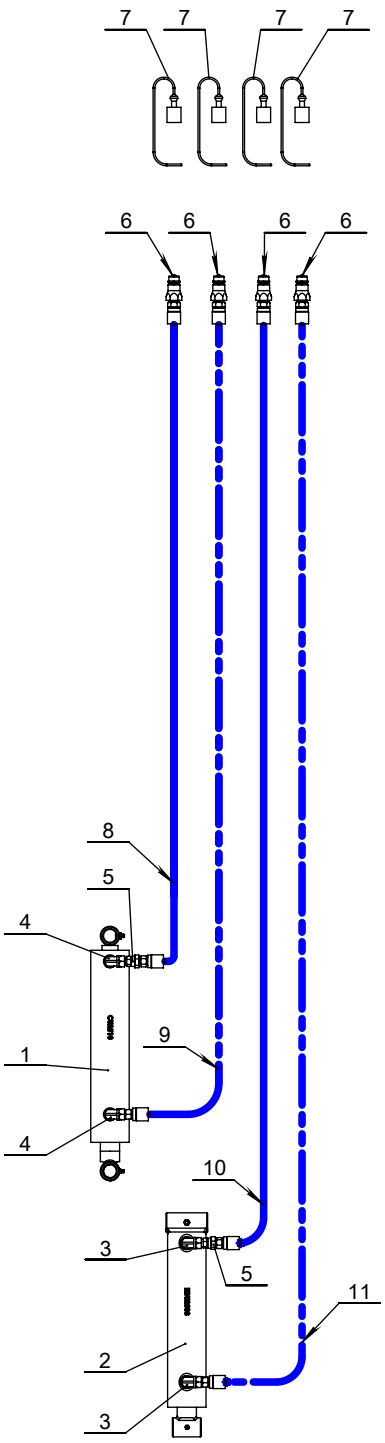


Parts List
Brushcutter 5' Flex Gearbox Cover

No.	Part #	Description	Qty
1	310833	RK Pin 5/32 x 2 3/4" Length	1
2	310881	Split pin 1/8 x 1- 1/4	1
3	400500	Document holder	1
4	52-030-18	Covered between gearbox 5' Flex	1
5	52-008-25	Cap shaft with spline	1
6	52-026-23	PTO Guard pivot	1
7	52-026-25	Covered PTO	1
8	52-030-10	Cover retaining plate	1
9	52-030-14	Cover	1
10	52-022-19	Covered PTO retention	1
11	300200	Bolt 1/4"-20 x 1" Length	2
12	300700	Bolt 5/16"-18 x 1" Length	7
13	301211	Bolt M8-1,25 x 16mm Length x 16 mm Thread	8
14	301740	Lock washer 5/16"	2
15	301730	Lock washer 3/8"	12
16	301350	3/8" Narrow Flat Washer	1

Brushcutter Flex 5' #52-022
(New model)

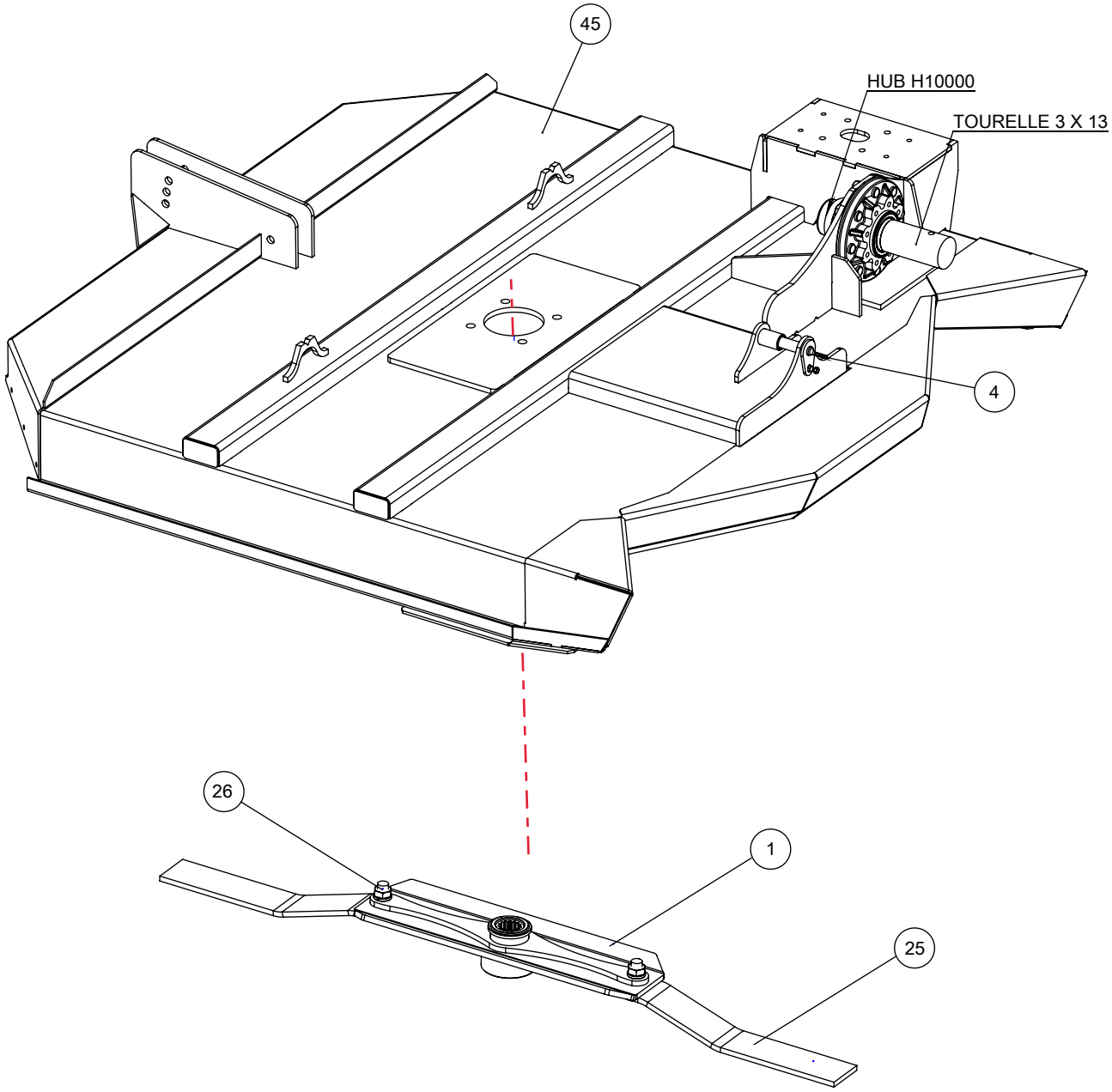
HYDRAULIC DIAGRAM



Parts List 5' Flex Hydraulic Diagram			
No.	**Part #**	**Description**	**Qty**
1	120290	Hydraulic cylinder BU 2510	1
2	120280	Hydraulic Cylinder 2-1/2" Dia x 8" Stroke	1
3	101420	90° Elbow - Male ORB Adjustable 1/2" - Female NPSM Swivel 3/8"	2
4	101430	90° Elbow - Male ORB Adjustable 3/8" - Female NPSM Swivel 3/8"	2
5	103230	Adapter NPTFS 3/8"-NPTM 3/8" restrictor 1/16" diam.	2
6	109010	Male x FEM 1/2"-NPT quick connect	4
7	140000	Dust caps 1/2" Red	4
8	140030-098-101740-101750	3/8 hydraulic hose	1
9	140030-112-101740-101750	3/8 hydraulic hose	1
10	140030-124-101740-101750	3/8 hydraulic hose	1
11	140030-134-101740-101750	3/8 hydraulic hose	1

Brushcutter 6' FLEX #52-021
(Old model)

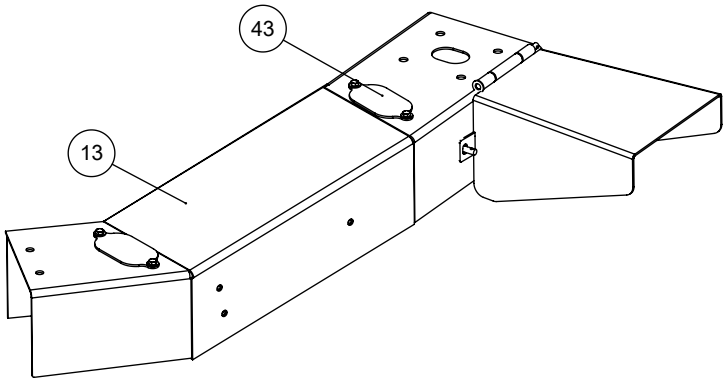
Mower assembly



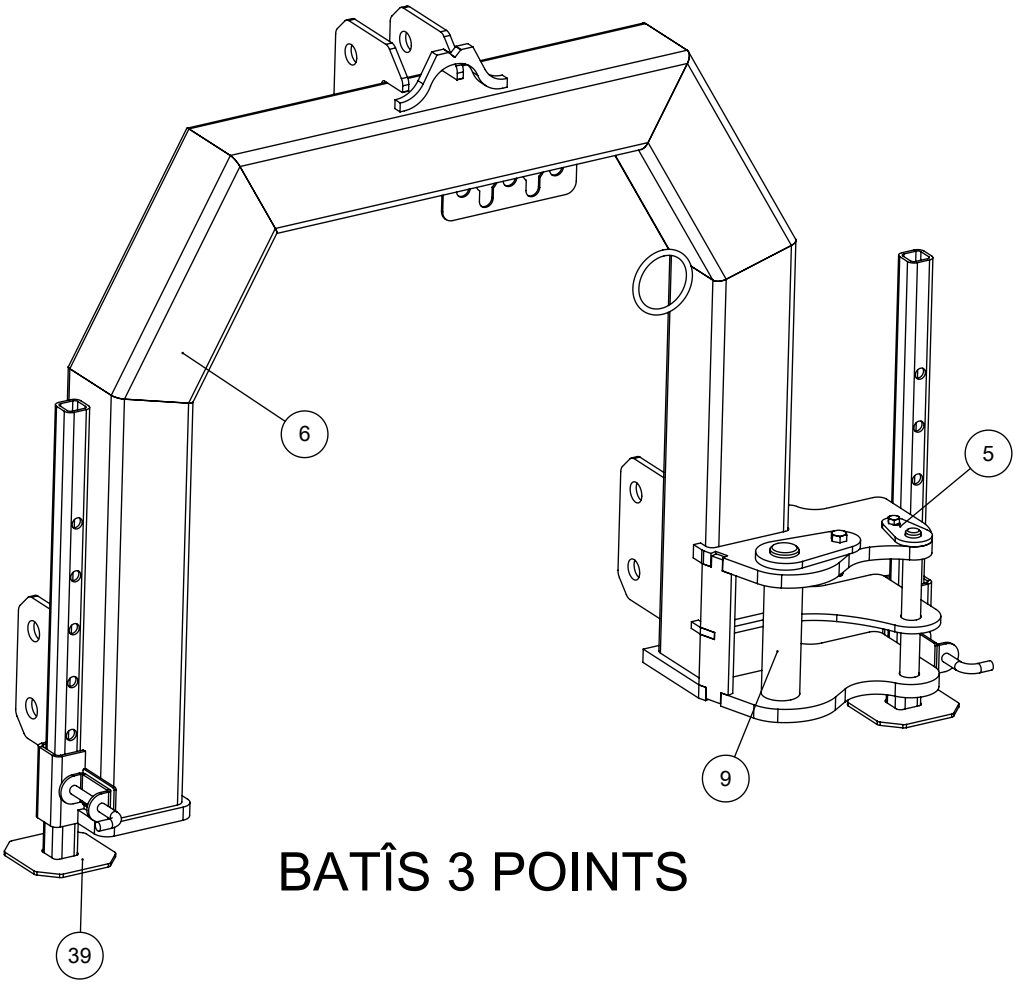
Blade Assembly

See parts table on page 57

Brushcutter 6' FLEX #52-021
(Old model)



COUVERT DU PTO

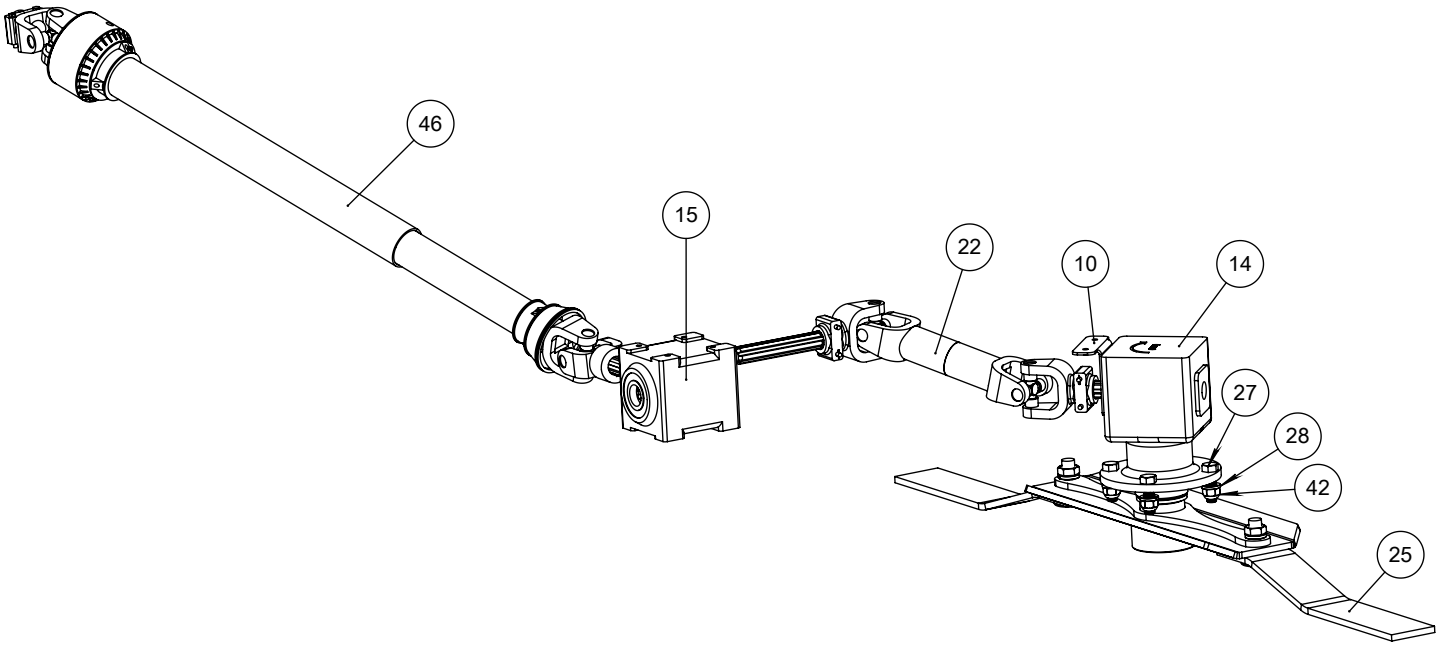


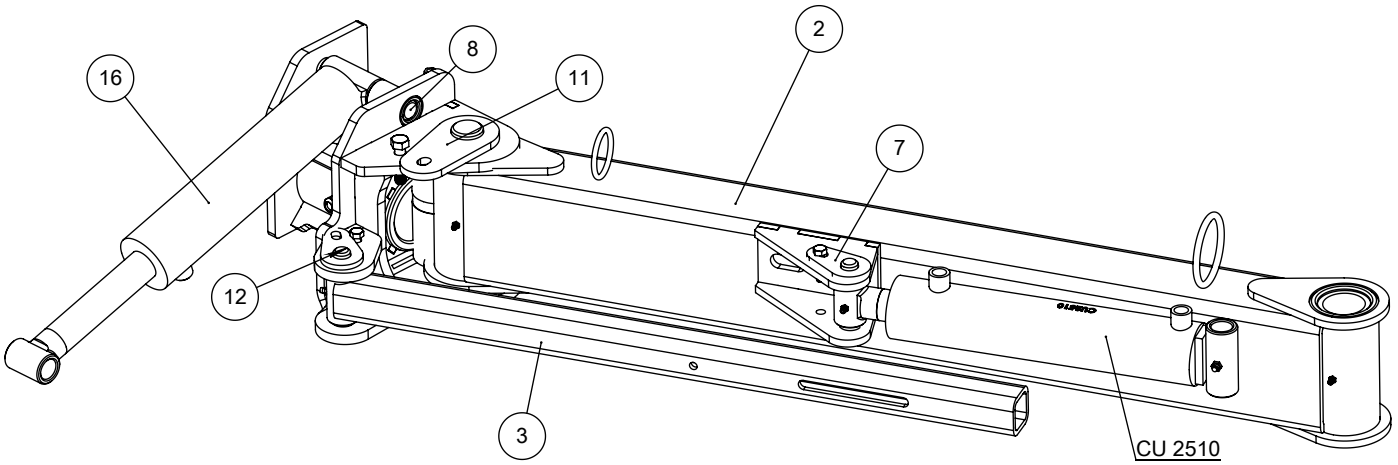
BATÎS 3 POINTS

See parts table on page 57

Brushcutter 6' FLEX #52-021
(Old model)

PTO & GEARBOX





FLEX ARM

See parts table on page 57

Brushcutter 6' FLEX #52-021
(Old model)

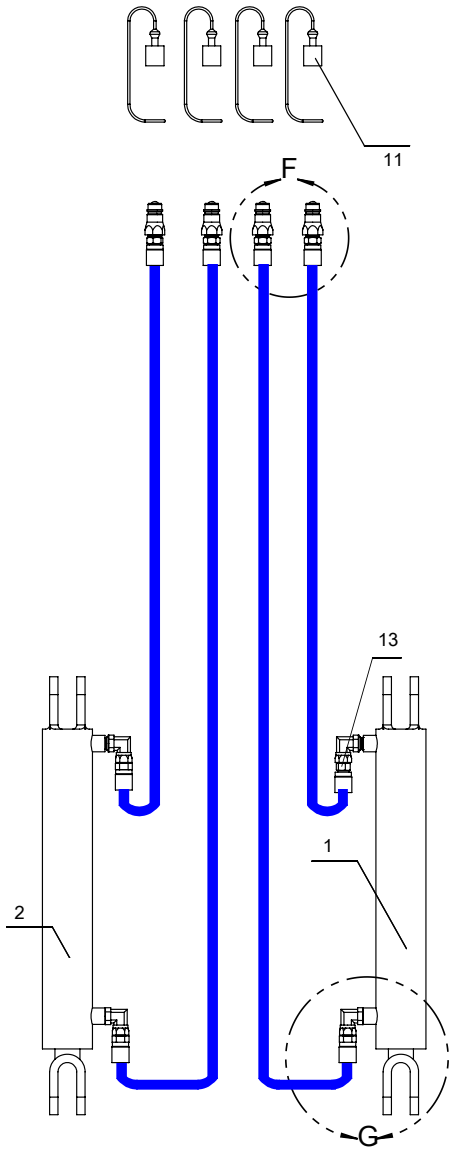
No.	Part #	Description	Qty
1	52-008-24	Blade support assembly	1
2	52-021-02	Pivot arms	1
3	52-021-05	Return arms 6'	1
4	52-021-08	Pivot pin	1
5	52-021-10	Pivot pin	1
6	52-021-11	6' Flex body frame	1
7	52-021-12	Pivot pin	1
8	52-021-13	Pivot pin	1
9	52-021-14	Pivot Pin	1
10	52-021-15	PTO Cover retainer bracket	1
11	52-021-16	Pivot pin	1
12	52-021-17	Pivot pin	1
13	52-021-18	Protector PTO	1
14	107010	Gearbox LF140A	1
15	107000	T27D Gearbox	1
16	120280	HBU 2508 Cylinder	1
20	107043	T50-041P025363-025363	1
23	52-021-101	Plastic tube 2 1/2" O.D. x 2" I.D.	2
24	52-008-042	PTO Cover	1
25	305010	Brushcutter Blade	2
26	305000	Bolt A-63607	2
27	300410	Bolt 3/4"-10 x 2 1/2" Long x 1 3/4" Thread	4
28	301770	Flat Washer 7/8"	4
29	300520	Bolt 3/8"-16 x 1 1/2" Length x 1" Thread	8
30	300030	Bolt 1/2"-13 x 2" Length x 1 1/4" Thread	2
34	300200	Bolt 1/4"-20 x 1" Loenght x 1" Thread	6
35	301510	Lock Nut 1/2"-13	4
37	301550	Lock Nut 3/8"-16	9
39	52-001-03	Foot support	2
41	52-021-04	Mower pivot 6' Flex	1
42	301540	Lock Nut 3/4"-10	4
43	52-021-098	PTO Cover plate	2
44	301400	Flat Washer 1/4" Broad	4
45	52-021-27	6' Flex head	1
46	107050	T50 151P025363-252011-W/GR.F 218375	1
47	52-021-06	Retainer arm	1
48	300550	Bolt 3/8"-16 x 3" Long x 1" Thread	1
49	300060	Bolt 1/2"-13 x 3 1/2" Long x 1 1/4" Thread	1

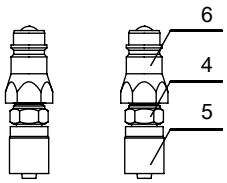
Brushcutter 6' FLEX #52-021

(Old model)

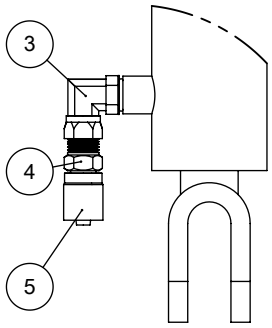
HYDRAULIC DIAGRAM

No.	Part #	Description_En	Qty
1	210290	HCL 2510 - Hydraulic Cylinder 2 1/2" Dia. x 10"	1
2	210080	HCL 2508 - Hydraulic Cylinder 2-1/2" Dia x 8"	1
3	101420	90 Elbow Male ORB Adjust - Male NPSM Swivel	4
4	101740	M12810 Male NPTF	8
5	104340	M03400 Band	8
6	109010	Quick Coupling Male x FEM 1/2"-NPT	4
7	140030-080-101750-101740	Assembly Hydraulic hose 3/8 x 80" M12810-06-06 x M12810-06-08	1
8	140030-092-101750-101740	Assembly Hydraulic hose 3/8 x 92" M12810-06-06 x M12810-06-08	1
9	140030-112-101750-101740	Assembly Hydraulic hose 3/8 x 112" M12810-06-06 x M12810-06-08	1
10	140000	Dust caps 1/2" Red	4
12	140030-122-101750-101740	Hydraulic hose 122"	1
13	101750	3/8" Hyd. Fitting X 3/8" Male - NPT	1



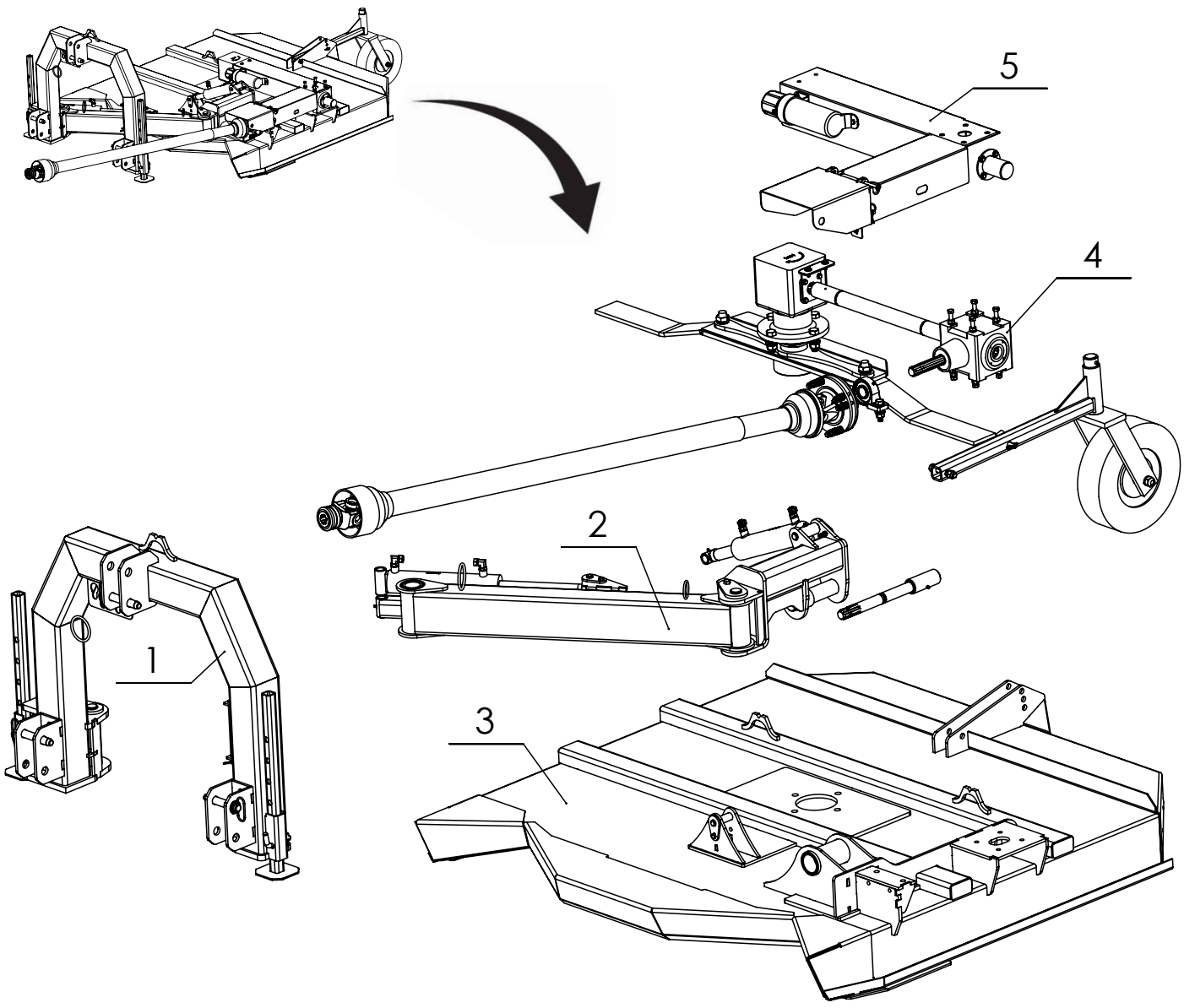


DÉTAIL F
ECHELLE 1 : 5



DÉTAIL G
ECHELLE 1 : 5

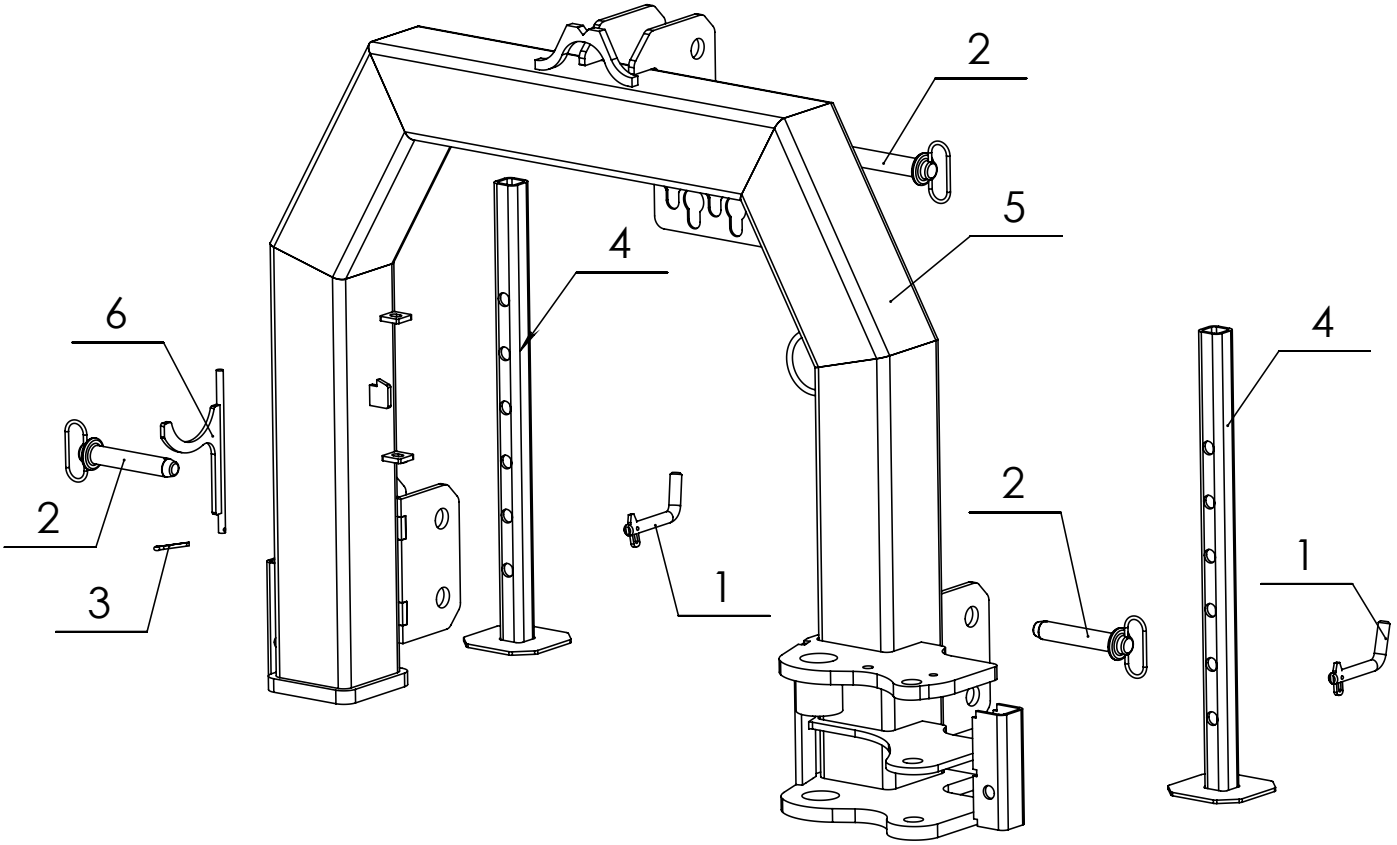
Brushcutter 6' FLEX #52-021
(New model)



Brushcutter 6' Flex - Assembly 52-033

No.	Description	Qty
1	3-point frame for 6' Flex brushcutter	1
2	6' Flex Brushcutter Arm	1
3	6' Flex Brushcutter Head	1
4	6' Flex Brushcutter PTO and Gearbox 6' Flex	1
5	Brushcutter Gearbox Cover	1

Brushcutter 6' FLEX #52-021
(New model)

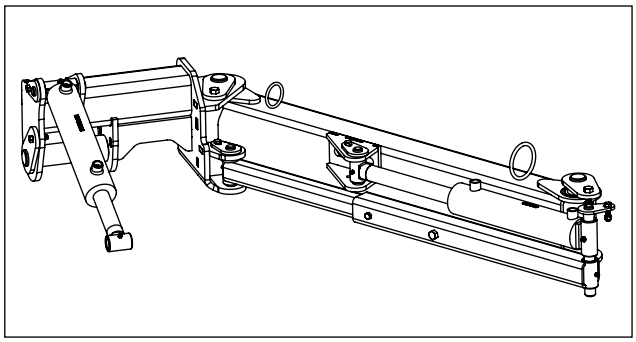


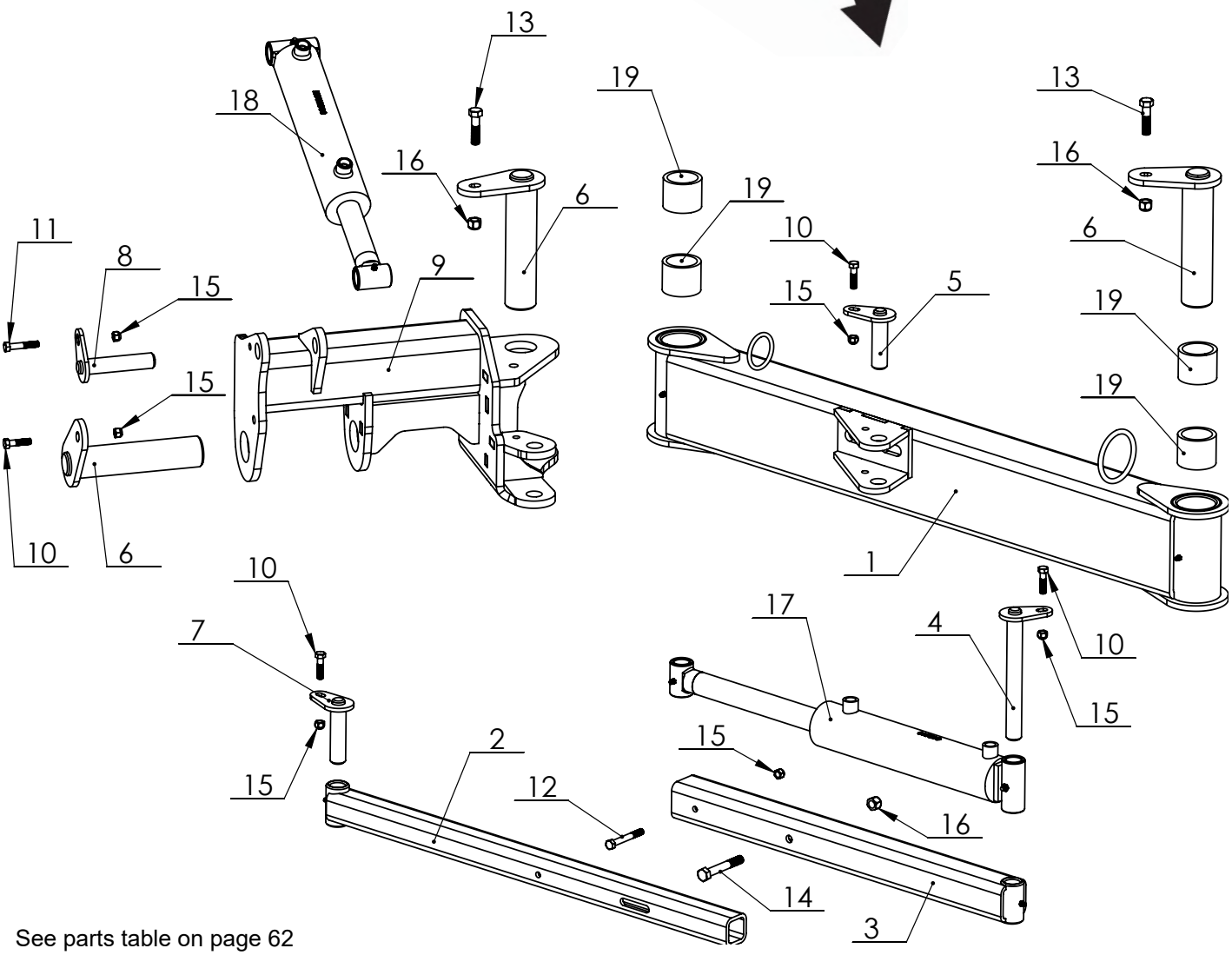
Parts List
Brushcutter 6' Flex Frame

No.	Part #	Description	Qty
1	151003	5/8" x 3" Zinc Plated Pivot Pin	2
2	310830	Forged tie pin 1" x 4 3/4" Length	3
3	310881	Split pin 1/8 x 1- 1/4	1
4	52-001-03	Foot structure support	2
5	52-021-11	6' Flex body frame	1
6	52-000-03	PTO hold-up	1

Brushcutter 6' FLEX #52-021
(New model)

6' Flex Brushcutter Arm





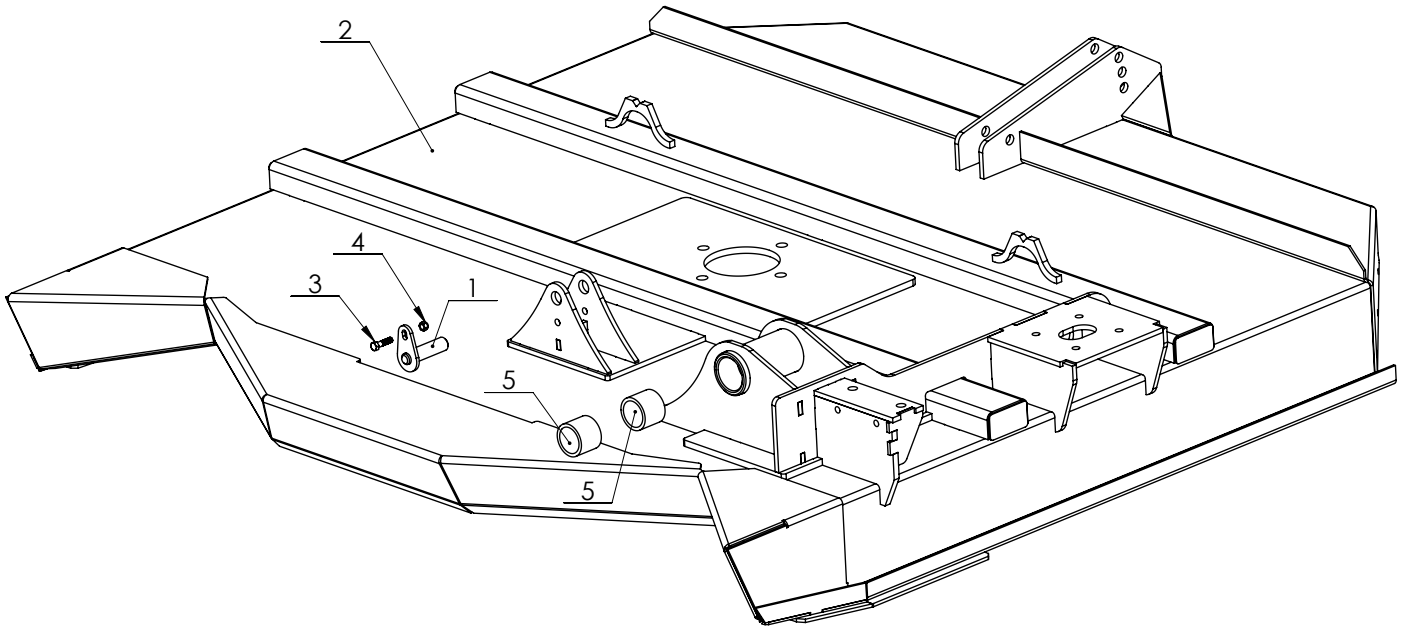
See parts table on page 62

Brushcutter 6' FLEX #52-021
(New model)

Parts List
Brushcutter 6' Flex Arm

No.	Part #	Description	Qty
1	52-021-02	Pivot arms	1
2	52-021-05	Return arms 6'	1
3	52-021-06	Return arms 6'	1
4	52-021-10	Pivot arm and cylinder body	1
5	52-021-12	Pivot cylinder rod pivot arm	1
6	52-021-16	Pivot arm pivot	3
7	52-021-17	Pivot return arm	1
8	52-022-16	Pivot return arm	1
9	52-022-03	Mower pivot	1
10	300520	Bolt 3/8"-16 x 1 1/2" Length	4
11	300530	Bolt 3/8"-16 x 2" Length	1
12	300550	Bolt 3/8"-16 x 3" Length	1
13	300030	Bolt 1/2"-13 x 2" Length	2
14	300060	Bolt 1/2"-13 x 3 1/2" Length	1
15	301550	Nylon nut 3/8"-16	6
16	301510	Nylon nut 1/2"-13	3
17	120290	Hydraulic cylinder BU 2510	1
18	120280	Hydraulic cylinder 2-1/2" Dia x 8" Stroke	1
19	52-021-101	Plastic tube 2 1/2" O.D. x 2" I.D.	4

Brushcutter 6' FLEX #52-021
(New model)

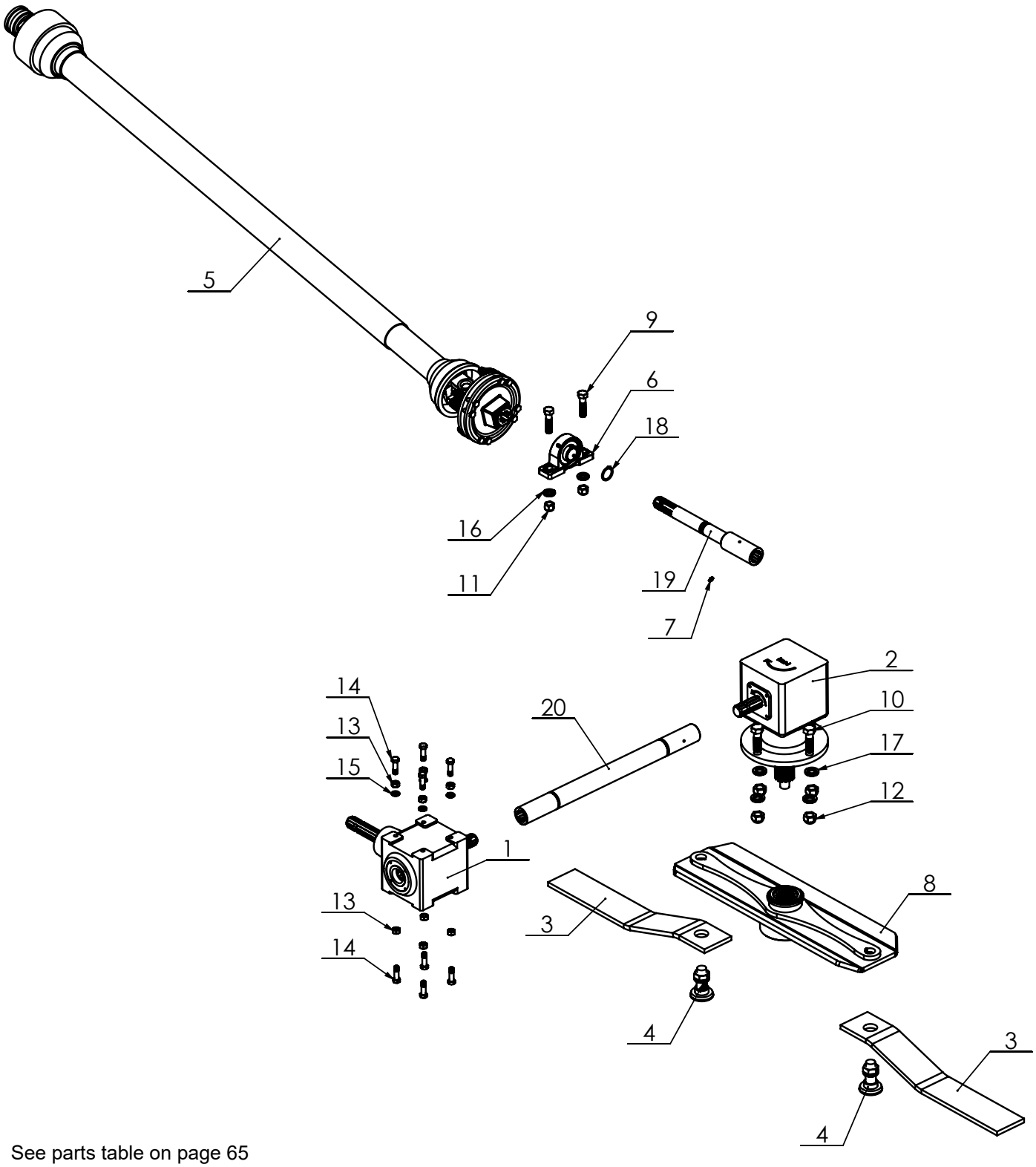


Parts List
Brushcutter 6' Flex Head

No.	Part #	Description	Qty
1	52-021-12	Pivot cylinder rod pivot arm	1
2	52-033-27	6' Flex head	1
3	300520	Bolt 3/8"-16 x 1 1/2" Length	1
4	301550	Nylon nut 3/8"-16	1
5	52-021-101	Plastic tube 2 1/2" O.D. x 2" I.D.	2

Brushcutter 6' FLEX #52-021
(New model)

PTO and Gearbox



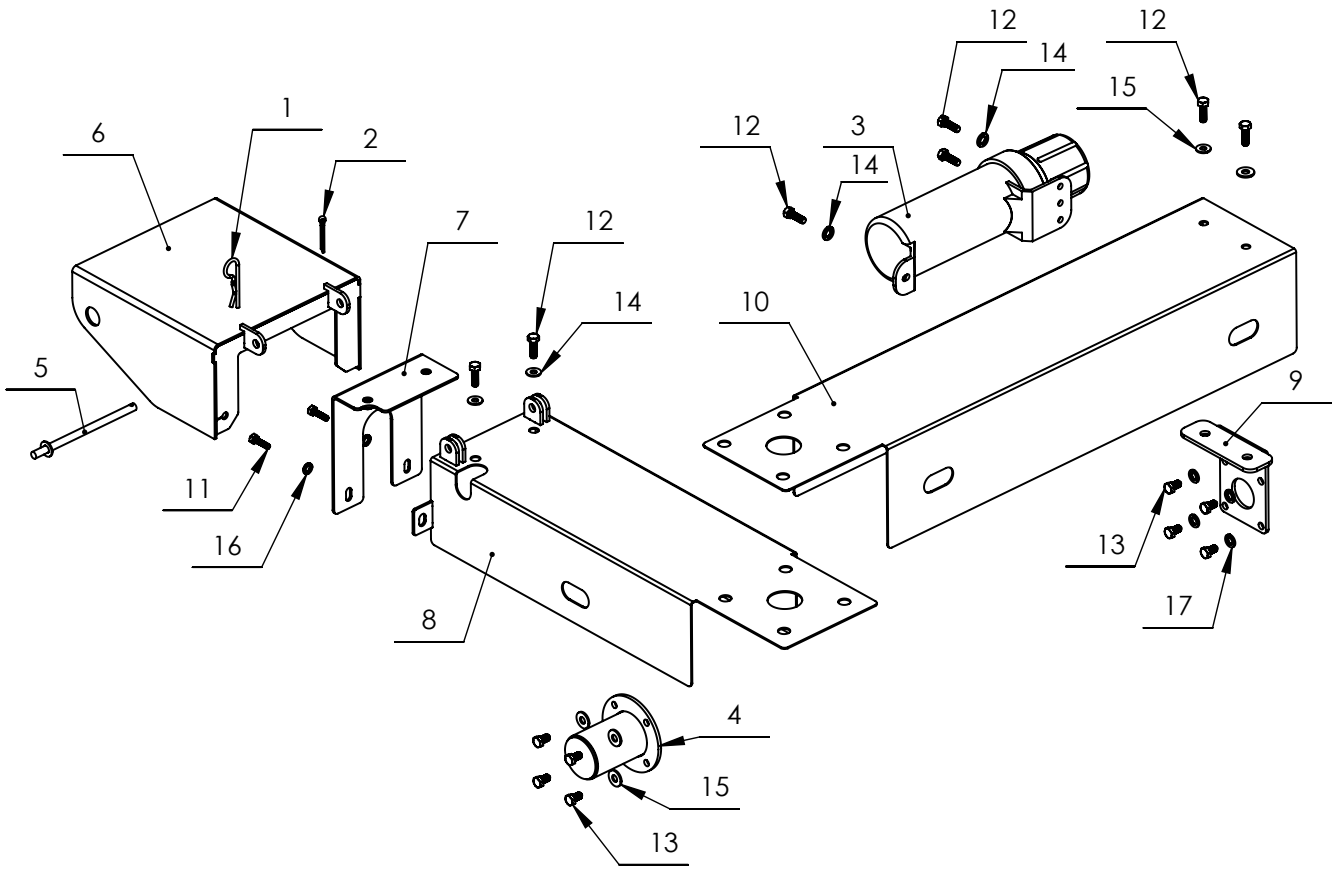
See parts table on page 65

Brushcutter 6' FLEX #52-021
(New model)

Parts List
PTO and Gearbox for Brushcutter 6' Flex

No.	Part #	Description	Qty
1	107000	Gear Box T27D	1
2	107010	GearBox LF140A	1
3	305010	Brushcutter Knife	2
4	305000	Screw Kit (2x)	1
5	107050	Cardan transmission T50	1
6	150048	Bearings Pillow Bloc UCP207-22 (1 3/8 I.D.) 1/4"-28	1
7	310020	Straight Grease Fitting	3
8	52-008-24	6' Blades support	1
9	300830	Bolt 5/8"-11 x 2 1/2" Length	2
10	300410	Bolt 3/4"-10 x 2 1/2" Length	4
11	301570	Nylon nut 5/8"-11	2
12	301540	Nylon nut 3/4"-10	4
13	301900	Hex nut M12	8
14	301200	Bolt M12-1,75 x 40mm Length x 40 mm Thread Lock	8
15	301700	washer 1/2"	4
16	301720	Lock washer 3/4"	2
17	301770	Lock washer 7/8"	4
18	307070	Snap-Ring 1 3/8" Heavy	1
19	52-030-032	Spline shaft	1
20	52-030-030	Transfer shaft	1

Brushcutter 6' FLEX #52-021
(New model)

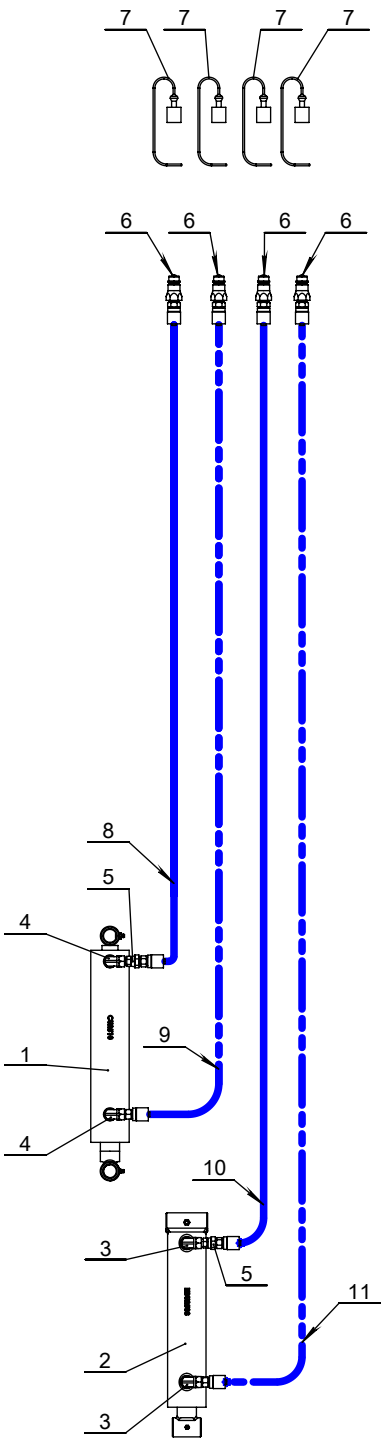


Parts List
Gearbox Cover for Brushcutter 6' Flex

No.	Part #	Description	Qty
1	310833	RK Pin 5/32 x 2 3/4" Length	1
2	310881	Split pin 1/8 x 1- 1/4	1
3	400500	Document holder	1
4	52-008-25	Cap shaft for spline	1
5	52-026-23	PTO guard pivot	1
6	52-026-25	PTO Cover	1
7	52-030-10	Cover retaining plate	1
8	52-030-14	Cover	1
9	52-033-15	Covered PTO retention	1
10	52-033-16	Cover between gearbox 6' flex	1
11	300200	Bolt 1/4"-20 x 1" Length	2
12	300700	Bolt 5/16"-18 x 1" Length	7
13	301211	Bolt M8-1,25 x 16mm Length x 16 mm Thread	8
14	301400	1/4" Wide Flat Washer	6
15	301390	5/16" Wide Flat Washer	5
16	301740	5/16" Lock wahser	2
17	301730	3/8" Lock wahser	4

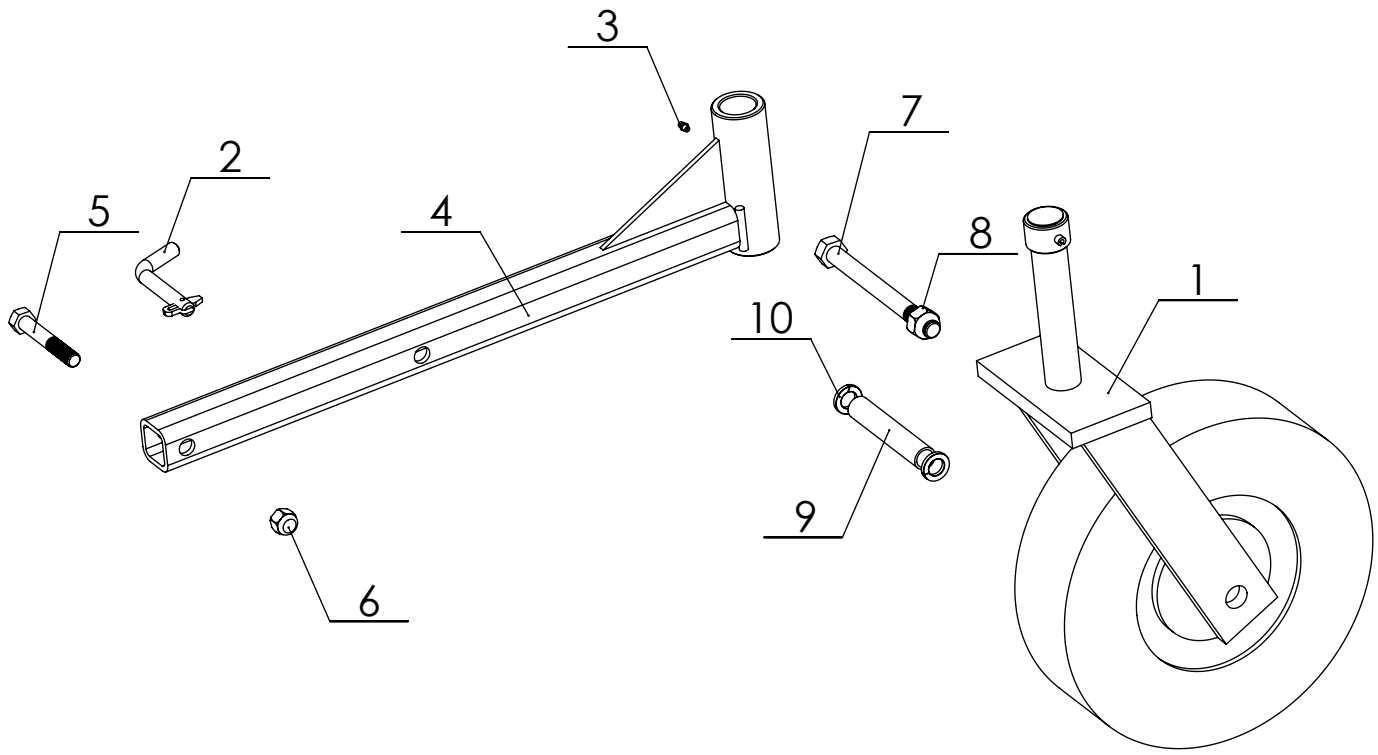
Brushcutter 6' FLEX #52-021
(New model)

HYDRAULIC DIAGRAM



Parts List 6' Flex Hydraulic Diagram			
No.	**Part #**	**Description**	**Qty**
1	120290	Hydraulic cylinder BU 2510	1
2	120280	Hydraulic Cylinder 2-1/2" Dia x 8" Stroke	1
3	101420	90° Elbow - Male ORB Adjustable 1/2" - Female NPSM Swivel 3/8"	2
4	101430	90° Elbow - Male ORB Adjustable 3/8" - Female NPSM Swivel 3/8"	2
5	103230	Adapter NPTFS 3/8"-NPTM 3/8" restrictor 1/16" diam.	2
6	109010	Male x FEM 1/2"-NPT quick connect	4
7	140000	Dust caps 1/2" Red	4
8	140030-098-101740-101750	3/8 hydraulic hose	1
9	140030-112-101740-101750	3/8 hydraulic hose	1
10	140030-134-101740-101750	3/8 hydraulic hose	1
11	140030-143-101740-101750	3/8 hydraulic hose	1

Rear Wheel Option for 4', 5' and 6' Brushcutters Side, FLEX and Rear

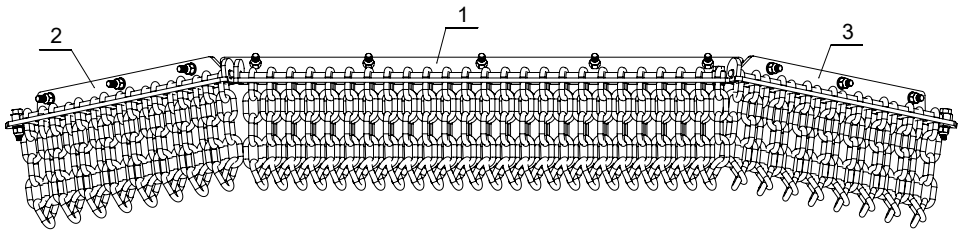


Parts List
Rear wheel option for Brushcutter

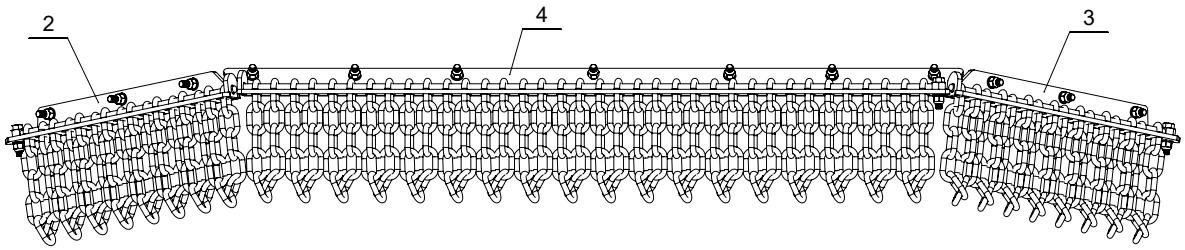
No.	Part #	Description	Qty
1	305015	Rear wheel assembly	1
2	151003	5/8" x 3" Zinc-plated pivot pin	1
3	310020	1/4"-28 Straight Grease Fitting	1
4	52-021-25	Brushcutter wheel pivot	1
5	300860	Bolt 5/8"-11 x 4" Length	1
6	301570	Nylon nut 5/8"-11	1
7	300480	Bolt 3/4"-10 x 8" Length x 1 3/4" Thread	1
8	301540	Nylon nut 3/4"-10	1
9	*	Spacer sleeve	1
10	301720	3/4" Lock Washer	2

Chain Option for 4', 5' and 6' Brushcutters Side, FLEX and Rear models.

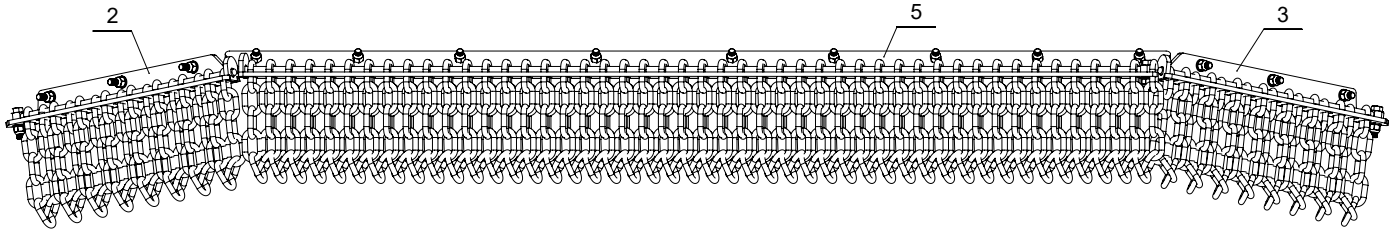
4' Brushcutter Chain Option Assembly 52-007-42



5' Brushcutter Chain Option Assembly 52-007-33

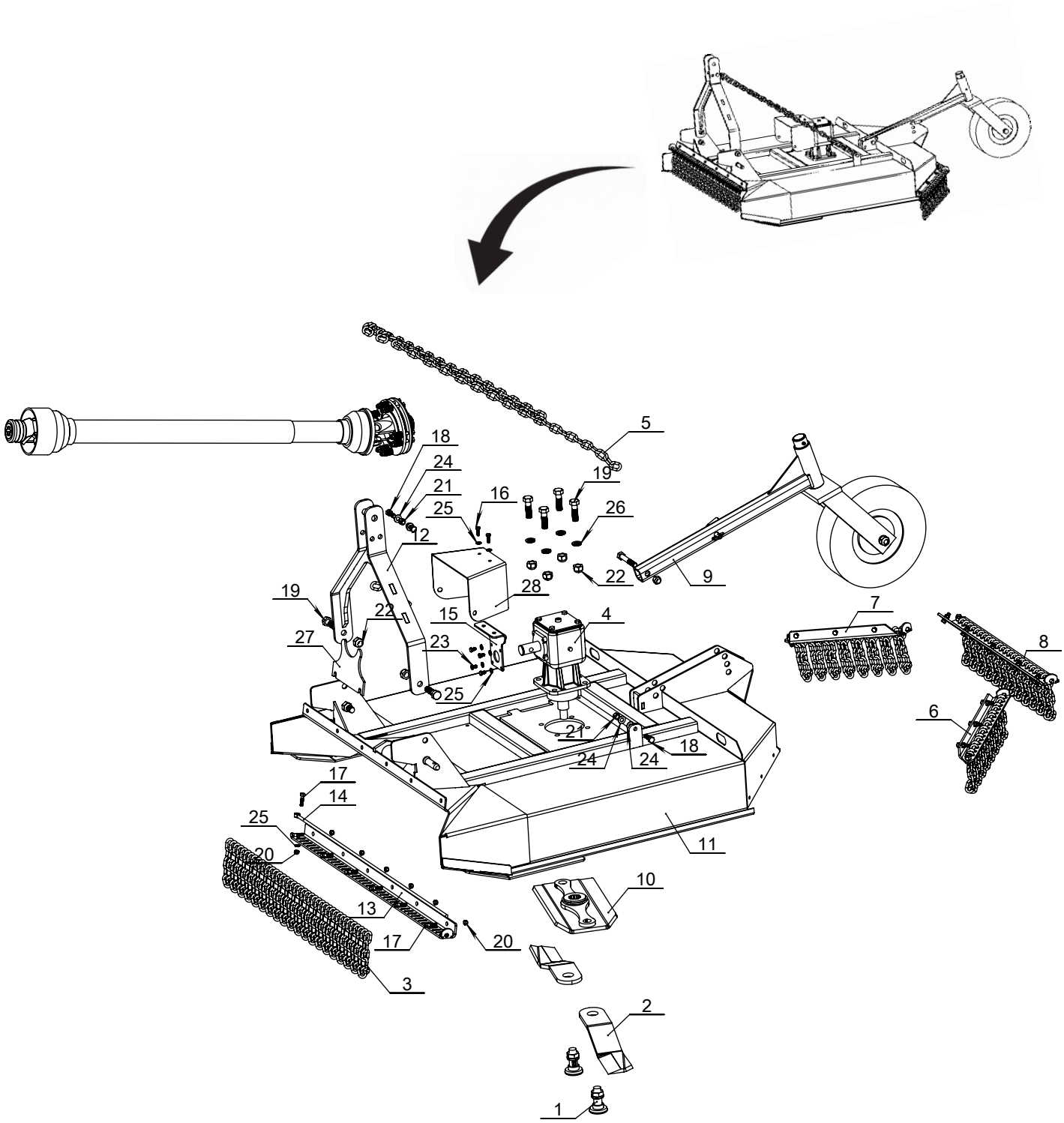


6' Brushcutter Chain Option Assembly 52-007-34



No.	Part #	Description	Qty
1	52-007-40	4' Brushcutter Center Chain Support	1
2	52-007-24	Assembled left chain support for 4', 5' and 6'	1
3	52-007-28	Assembled right chain support for 4', 5' and 6'	1
4	52-007-26	5' Brushcutter Center Chain Support	1
5	52-007-31	6' Brushcutter Center Chain Support	1

Brushcutter 4' Rear #52-034



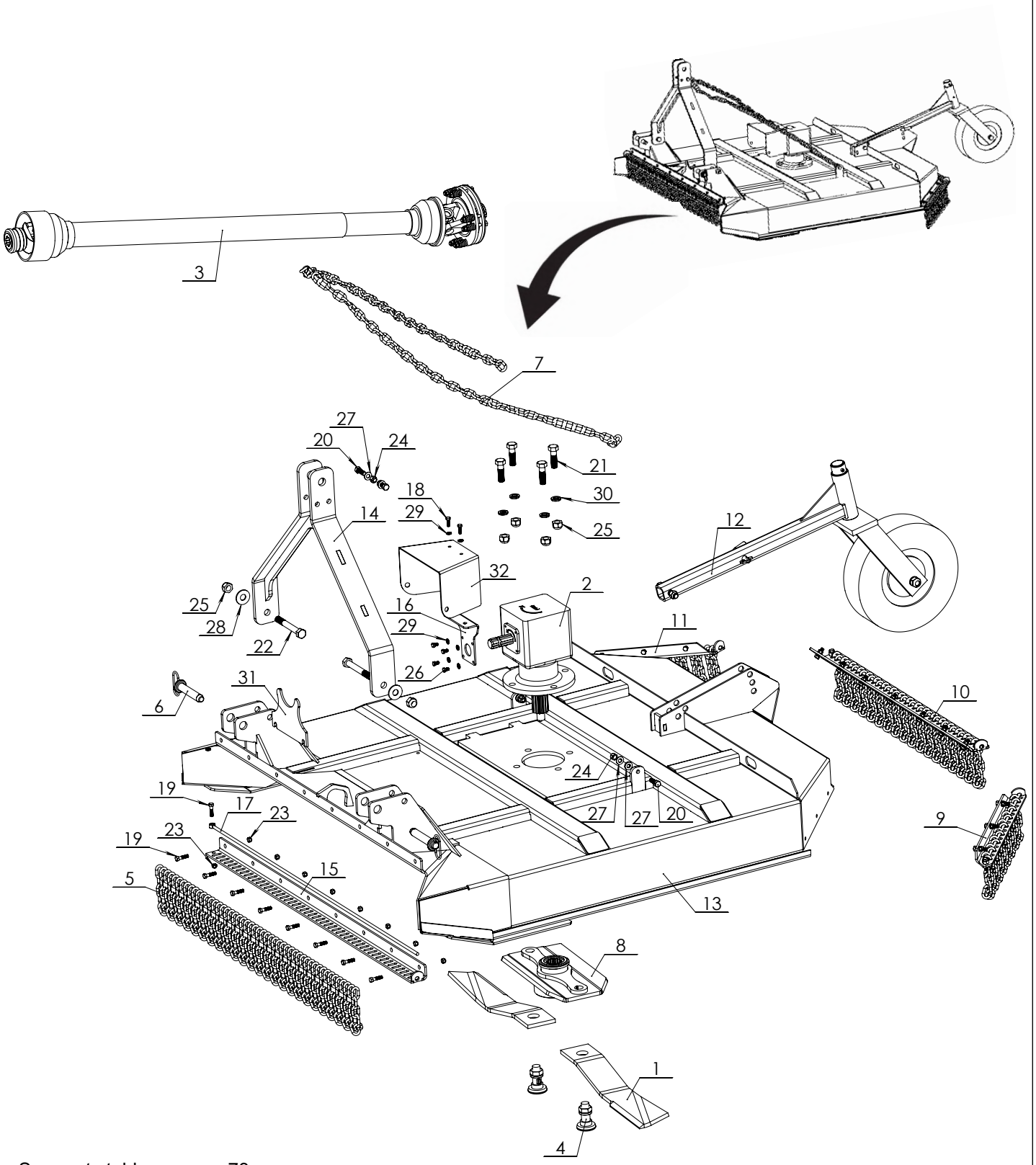
See parts table on page 71

Brushcutter 4' Rear #52-034

Parts List
Brushcutter 4' Rear - Assembly 52-034

No.	Part #	Description	Qty
1	305000	Screw Kit (2x)	1
2	A-C1257	Blades A-C1257 CW	2
3	Chaine 5_16 10 mailles	Chain 5/16 grade G42	20
4	LF-205	GEAR BOX (LF-205)	1
5	MMChaine .3125 x34	Chain 5/16	2
6	52-007-24	Left chain support for brushcutter 4', 5' and 6' chainrings	1
7	52-007-28	Assembled right chain support for brushcutter 4', 5' and 6'	1
8	52-007-38	4' Brushcutter Center Chain Support	1
9	52-021-26	Rear wheel brushcutter option	1
10	52-026-20	Blades support 4'	1
11	52-034-01	Cutting deck 4'	1
12	52-034-03	3-point hoop	1
13	52-034-04	Front chain support	1
14	52-034-06	4' Rear Chain Lock Rod	1
15	52-034-07	Covered PTO retention	1
16	B-05-18-16-16	Bolt 5/16"-18 x 1" Length	2
17	B-06-16-24-16	Bolt 3/8"-16 x 1 1/2" Length	7
18	B-08-13-24-20	Bolt 1/2"-13 x 1 1/2" Length	4
19	B-12-10-40-28	Bolt 3/4"-10 x 2 1/2" Length	6
20	BLN-06-16	Nylon nut 3/8"-16	7
21	BLN-08-13	Nylon nut 1/2"-13	4
22	BLN-12-10	Nylon nut 3/4"-10	6
23	BM-8-1,25-16-16	Bolt M8-1,25 x 16mm Length x 16 mm Thread	4
24	BW,5000EA	1/2" Narrow Flat Washer	7
25	LW06	Lock washer 3/8"	5
26	LW12	Lock washer 3/4"	4
27	52-000-028	5 AND 6' rear PTO retainer	1
28	52-000-029	Cap protects PTO	1
29	107042	Cardan shaft transmission T40-121P024430-241023-W/GR.F	1

Brushcutter 5' Rear #52-035



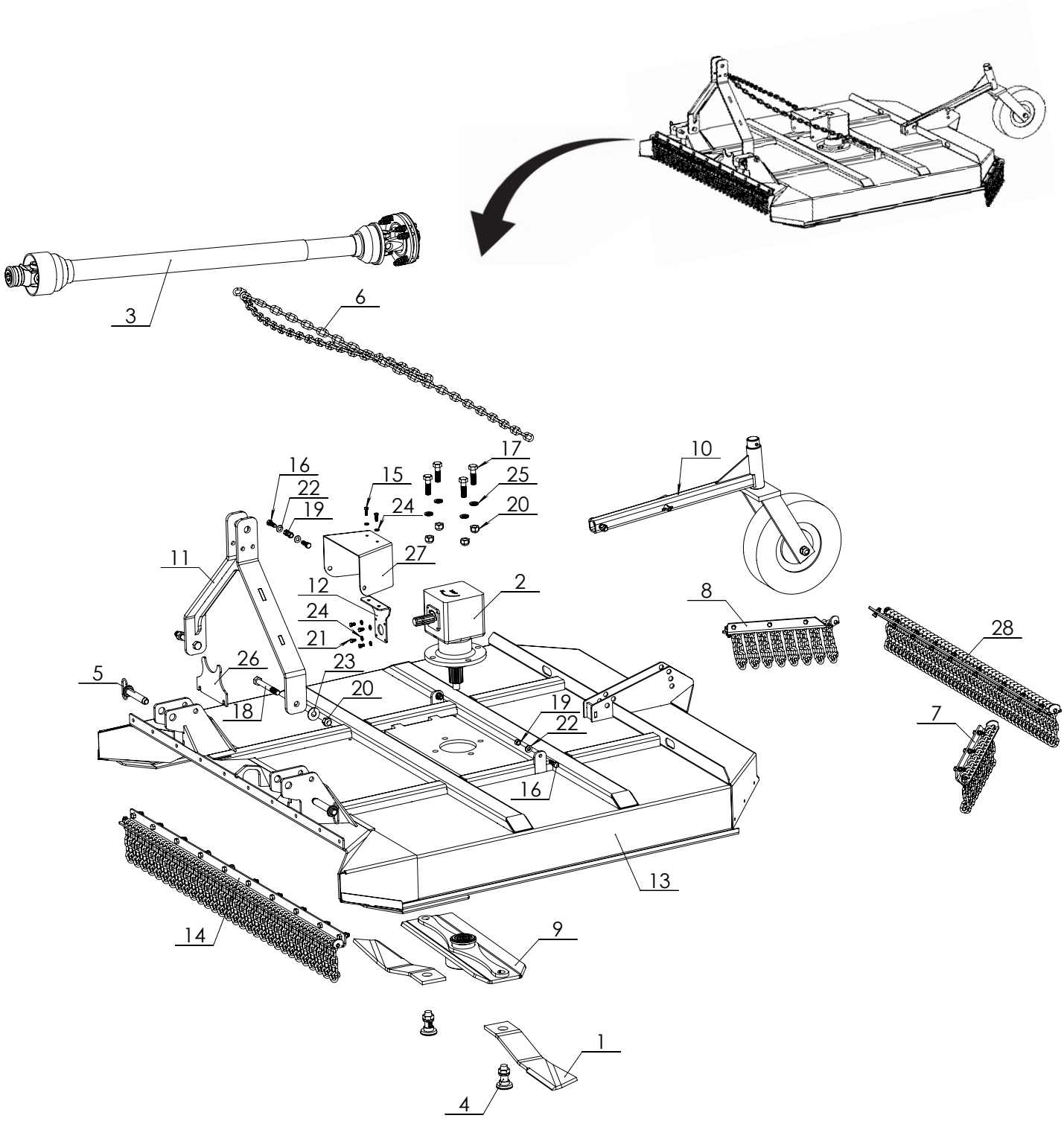
See parts table on page 73

Brushcutter 5' Rear #52-035

Parts List
Brushcutter 5' Rear - Assembly 52-035

No.	Part #	Description	Qty
1	305010	25" Brushcutter Blades	2
2	107010	GearBox LF140A	1
3	107051	T50 121 cardan shaft transmission + clutch for 5' and 6' brushcutters	1
4	305000	Screw Kit (2x)	2
5	Chaine 5/16 gradé	5/16 chain graded G42	25
6	G42 310830	Forged Tie Pin 1" x 4 3/4" Length	2
7	310750	Chain 5/16 x 39	2
8	52-007-20	Blades support for 5'	1
9	52-007-24	Left chain support for 4', 5' and 6' chainrings	1
10	52-007-26	5' Brushcutter Center Chain Support	1
11	52-007-28	Assembled straight chain stay for 4', 5' and 6'	1
12	52-021-26	Rear wheel brushcutter option	1
13	52-035-01	5' cutting deck	1
14	52-035-02	3-point hitch	1
15	52-035-04	Brushcutter 5' Front Chain Holder	1
16	52-035-05	Covered PTO retention	1
17	52-035-06	5' Rear Chain Lock Rod	1
18	300700	Bolt 5/16"-18 x 1" Length	2
19	300520	Bolt 3/8"-16 x 1 1/2" Length	9
20	300010	Bolt 1/2"-13 x 1 1/2" Length	4
21	300410	Bolt 3/4"-10 x 2 1/2" Length	4
22	300460	Bolt 3/4"-10 x 6" Length	2
23	301550	Nylon nut 3/8"-16	9
24	301510	Nylon nut 1/2"-13	4
25	301540	Nylon nut 3/4"-10	6
26	301211	Bolt M8-1,25 x 16mm Length x 16 mm Thread	4
27	301310	1/2" Narrow Flat Washer	8
28	301340	3/4" Wide Flat Washer	2
29	301730	3/8" Lock Washer	7
30	301720	3/4" Lock Washer	4
31	52-000-028	5 AND 6' rear PTO retainer	1
32	52-000-029	Cap protects PTO	1

Brushcutter 6' Rear #52-036



See parts table on page 75

Brushcutter 6' Rear #52-036

Parts List
Brushcutter 6' Rear - Assembly 52-036

No.	Part #	Description	Qty
1	305010	Brushcutter blades 25"	2
2	107010	GearBox LF140A	1
3	107051	T50 121 cardan shaft transmission + clutch for 5' and 6' brushcutters	1
4	305000	Screw Kit (2x)	1
5	310830	Forged tie pin 1" x 4 3/4" Length	2
6	310750	Chain 5/16 (42 mesh)	2
7	52-007-24	Left chain support for 4', 5' and 6' chainrings	1
8	52-007-28	Right chain support assembled for 4', 5' and 6' brushcutters	1
9	52-007-31	Center chain support assembled for 6' brushcutters	1
10	52-008-24	6' blades support	1
11	52-021-26	Rear wheel brushcutter optional	1
12	52-035-02	3-point hitch	1
13	52-035-05	Covered PTO restraint	1
14	52-036-01	6' cutting deck	1
15	52-036-05	Front chain support for 6' rear	1
16	300700	Bolt 5/16"-18 x 1" Length	2
17	300010	Bolt 1/2"-13 x 1 1/2" Length	4
18	300410	Bolt 3/4"-10 x 2 1/2" Length	4
19	300460	Bolt 3/4"-10 x 6" Length	2
20	301510	Nylon nut 1/2"-13	4
21	301540	Nylon nut 3/4"-10	6
22	301211	Bolt M8-1,25 x 16mm Length x 16 mm Thread	4
23	301310	1/2" Narrow Flat Washer	6
24	301340	3/4" Wide Flat Washer	2
25	301730	3/8" Lock Washer	6
26	301720	3/4" Lock Washer	4
27	52-000-028	5 and 6' rear PTO retainer	1
28	52-000-029	PTO protection cap	1

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